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DEPARTMENT OF PUBLIC HEALTH
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Annual Bulletin

of

VITAL STATISTICS

FOR THE YEAR

1979

Hon. Lamar Alexander

Governor of Tennessee

Eugene W. Fowinkle, M.D.

Commissioner of Public Health

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VITAL STATISTICS - 1979

STATE OF TENNESSEE

INTRODUCTION

Data from vital records for Tennessee for 1979 are given in this Vital Statistics Builetin, the 53rd in a series of annual reports. Data regarding births and deaths are now available for the State for 63 consecutive years, 1917-1979. Reports of births, fetal deaths, total deaths, and deaths by specific causes for counties and certain cities of the State are in manuscript form for the 10 years 1917-1926. Beginning with 1946, data regarding marriages and divorces are included in the Bulletins. Although data regarding induced terminations of pregnancy performed in Tennessee are first available beginning with July 1973, the Vital Statistics Bulletin for 1978 was the first to include such data. (See page 8, item 4.) A separate, detailed report regarding induced terminations of pregnancy was first published for the calendar years 1974-1975 (and was followed by a report for 1976-1977 and one for 1978 and 1979).

An analysis of the vital statistics of Tennessee for the year 1979 is given in the Discussion of Vital Statistics section of this Bulletin. Following the analysis, summary tables are presented for the State for the 20 years 1960-1979, inclusive, and also detailed tables for 1979 for the State, the 95 counties, the cities with populations of 10,000 or more according to the 1970 census, and the 9 health department regions into which the State is divided (See Figure 1).

Since resident data (by place of residence) are considered preferable to recorded data (by place of birth or death), resident data for births and deaths have been given for the State, for the counties, and for the cities beginning with the 1949 Bulletin and for the nine health department regions beginning with the 1972 annual report. Prior to 1949, recorded data were given in summary tables for the State. For the cities and counties, both recorded and resident data were given for deaths for 1933-1948 and for births for 1934-1948. The numbers of births and deaths with rates according to place of occurrence in 1979 are given in Table X.

The data in this Bulletin include all vital events occurring during 1979 which were reported to the Division of Vital Records of the Tennessee Department of Public Health as of March 31, 1980.

INTERPRETATION

Many factors must be considered for the correct interpretation of vital statistics. Completeness of registration is one of these factors. According to the 1950 birth registration test, 96.7 percent of the births reported to census enumerators for the 3 months January-March 1950 were registered. In the previous check in 1940, only 80.4 percent were registered. With the increased use of hospitals for delivery, it is estimated that 99 percent of the births in Tennessee are now being registered. However, there remain a few areas in the State where the registration of both births and deaths may not be complete. Also, characteristics peculiar to a certain area, such as proximity to a military base, affect the vital statistics of that area. In addition, knowledge of the racial and age composition of the population is important for proper interpretation.

The methods of collection and presentation of data are as follows:

1. The Tennessee Vital Records Act as amended in 1977 requires the physician, midwife, or other person attending a birth to file a birth certificate with the Office of Vital Records within 10 days after birth. The funeral director, or person burying a body, is responsible for filing a death certificate within 5 days after death. A representative of the local health department usually serves as the local registrar and a clerk of that department as a deputy registrar to carry out registration procedures locally. The certificates are forwarded to the Tennessee Department of Public Health weekly by the four metropolitan counties and semi-monthly by the other counties. Tennessee was admitted to the Death Registration Area in 1917 and to the Birth Registration Area in 1927.

2. Since July 1, 1945, certificates of marriage and divorce have been required to be filed with the Tennessee Department of Public Health. Persons to be married obtain from the county court clerk, in addition to the marriage license, a certificate of marriage which is signed by both applicants in the presence of the county court clerk issuing the marriage license. This certificate is taken to the officiant who completes and returns it to the county court clerk within 3 days after the marriage. The county court clerk sends the completed certificates to the state registrar monthly. Tennessee was one of the states admitted to the Marriage Registration Area at the time of its establishment in 1957.

The clerk of the court in which a divorce is granted is responsible for filing a certificate of the divorce decree (or annulment of marriage) issued by that court. The Divorce Registration Area was established in 1958 with Tennessee included in the area.

3. The Tennessee Vital Records Act of 1977 (which became effective January 1, 1978) requires that fetal deaths occurring in Tennessee and meeting a certain criterion should be reported directly to the Office of Vital Records of the Tennessee Department of Public Health within 10 days after delivery and should be filed as statistical reports rather than as certificates. (The previous law required registration, as for deaths, of fetal deaths of 20 weeks or more gestation.) Under the new law, to be reported as a fetal death, the fetus must be of 20 completed weeks or more gestation or weigh 350 grams or more. If the fetal death occurs in an institution, the report should be prepared by the person in charge or his designated representative; if the fetal death occurs outside an institution, the report should be prepared by the physician in attendance or by the medical examiner in the absence of medical attendance.

The General Assembly of the State of Tennessee amended the Vital Records Act of 1977 in regard to the reporting criterion for a fetal death; as of April 12, 1979, a fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more which is not alive at delivery is reportable. Because of this

new reporting criterion, caution should be exercised in making any comparison of fetal death statistics for 1979 with those for previous years.

4. In May 1973, the Tennessee Legislature amended the State law regarding induced abortion to comply with the United States Supreme Court's decision which provided that the only legal restriction on first trimester abortions was that the procedure be performed by or under the direction of a licensed physician and that the individual states should regulate induced abortion following the first trimester of pregnancy. The new Tennessee law provided that second trimester abortions must be performed in hospitals and that third trimester procedures be allowed only to preserve the life or health of the mother. (Prior to this legislation induced abortions were illegal in Tennessee except to preserve the life of the mother.) In addition, the new State law required that all induced abortions be reported to the Commissioner of Public Health. Accordingly in July 1973, the Tennessee Department of Public Health initiated the use of the Induced Abortion Report form to collect basic statistical data (no identifying information) on each induced abortion performed in Tennessee. This report form which was used through 1977 was filed and processed monthly in the Statistical Office of the Department.

The Vital Records Act of 1977 stated that each induced termination of pregnancy which occurred in Tennessee should be reported to the Office of Vital Records within 10 days after the procedure. Thus, as a result of a procedural change in reporting (but no change in the definition of the event), induced terminations of pregnancy became a part of the reporting system of vital events in Tennessee in 1978.

5. The certificates for registration of births, deaths, marriages, and divorces, and the reports for fetal deaths and induced terminations of pregnancy were revised effective January 1, 1978. This revision was made in accordance with recommendations of the National Center for Health Statistics and is part of a program which periodically assesses the adequacy of current vital records to fulfill the various purposes in public health and related fields. The previous general revision of certificates was in 1968.

6. The medical portion of the death certificate is filled out by the physician who attended the deceased in his last illness. The 1961 Legislature passed the Post-Mortem Examination Act which provides for county medical examiners who investigate deaths which occur without medical attendance or under suspicious, unusual, or unnatural circumstances. The availability of medical facilities affects the quality of vital statistics and should be considered in comparing death rates from specific causes.

7. In 1949, the form for medical certification was changed to the international form recommended by the Sixth Decennial International Revision Conference and the World Health Organization. This form of medical certificate has two parts. Part I is for the cause leading directly to death, antecedent conditions, and the underlying cause which is stated last in the sequence of events. Part II is for other significant conditions which were not related to the disease or condition directly causing death. Although the form for medical certification was revised slightly in 1956, 1968, and 1978, the arrangement of data has remained basically the same as on the certificate introduced in 1949.

8. Beginning with 1979 events, the underlying causes of death have been classified under the title numbers of the Ninth Revision of the International Classification Of Diseases. For the period 1967-1978, data were classified under the title numbers of the Eighth Revision of the International Classification, for the 10 years 1957-1966, the Seventh Revision, and for the 9 years 1949-1957, the Sixth Revision of the same publication was used. For deaths occurring during 1940-1948, data were classified by the rules of the 1938 Revision of the International List and for the 8 years 1932-1939, by the rules of the 1929 Revision. Prior to 1932, the 1920 edition of the International List was used.

9. Prior to 1949, the *Manual of Joint Causes of Death* was used for assigning the cause when two or more causes were given on a certificate. The form of medical certificate in use beginning with 1949 places the responsibility for indicating the train of events leading to death on the physician signing the certificate. However, to maintain uniformity, classification rules were developed for use with the certificate, and these rules have been followed in Tennessee.

Due to the radical change in the method of assigning the cause of death in 1949, and because the groupings of conditions in the Sixth and Seventh Revisions of the International Classification of Diseases differed from those of the Fifth Revision for certain causes, it was necessary to apply comparability ratios (developed by the National Office of Vital Statistics) to the deaths for 1940-1948 in order to compare mortality risk from certain causes for the period 1949-1967 with that for 1940-1948. A discussion of this procedure and the comparability ratios used were given in *Tennessee Vital Statistics*, 1949.

The Ninth Revision represents some major changes from the groupings of diseases in the Seventh and Eighth Revisions. In order to make totally valid comparisons of mortality by cause for events classified by this Revision with those classified by the Seventh and Eighth Revisions, comparability ratios according to race, sex, and age are needed. Such comparability ratios are not available.

In the absence of detailed comparability ratios and because the Ninth Revision of the Classification created new category titles, some regrouping of deaths by cause for the years prior to 1979 has been made in this Bulletin. Data for selected causes of death given in Tables II and III are shown according to category titles of the Ninth Revision. In order to fit as nearly as possible the deaths by cause for the years prior to 1979 into the same categories as those for 1979 (and without the application of comparability ratios), a correspondence of code numbers for the Eighth and Ninth Revisions was used. This correspondence is shown on page 9.

Category Title According to Ninth Revision	International Classification Code Numbers	
	Ninth Revision	Eighth Revision
Shigellosis and Amebiasis	004, 006	004, 006
Tuberculosis, All Forms	010-018	010-018
Respiratory System	010-012	010-012
Whooping Cough	033	033
Streptococcal Sore Throat, Scarlatina, and Erysipelas	034-035	034-035
Meningococcal Infection	036	036
Viral Encephalitis	049.8-049.9, 062-064	062-065
Measles	055	055
Viral Hepatitis	070	070, E931.1-E931.2, E931.8-E931.9
Rocky Mountain Spotted Fever	082.0	082.0
Syphilis	090-097	090-097
Malignant Neoplasms, All Sites	140-208	140-207
Digestive Organs and Peritoneum	150-159	150-159
Respiratory and Intrathoracic Organs	160-165	160-163, 194.2
Breast	174-175	174
Female Genital Organs	179-184	180-184
Male Genital Organs	185-187	185-187
Diabetes Mellitus	250	250
Diseases of Heart	390-398, 402, 404-429	390-398, 402, 404-429, 450, 782.4
Ischemic Heart Disease	410-414	410-413
Cerebrovascular Disease	430-438	430-438
Atherosclerosis	440	440
Pneumonia	480-486	480-486
Influenza	487	470-474
Chronic Obstructive Pulmonary Disease and Allied Conditions	490-496	490-493, 516.1, 516.2, 518, 519.3
Hernia and Intestinal Obstruction	550-553, 560	550-553, 560
Chronic Liver Disease and Cirrhosis	571	571
Cholelithiasis and Other Disorders of Gallbladder	574-575	574-575
Nephritis, Nephrotic Syndrome and Nephrosis	580-589	580-584
Complications of Pregnancy, Childbirth and the Puerperium	630-676	630-678
Congenital Anomalies	740-759	740-759
Certain Conditions Originating in the Perinatal Period	760-779	760-769.2, 769.4-772, 774-778
Accidents and Adverse Effects	E800-E949	E800-E949
Motor Vehicle Accidents	E810-E825	E810-E823
Suicide	E950-E959	E950-E959
Homicide and Legal Intervention	E960-E978	E960-E978

Caution should be exercised in making any comparison of mortality by cause for deaths for 1979 with that for previous years.

10. In order to improve the data on causes of death, physicians signing the death certificates are asked to give additional information for certificates with unsatisfactory terms or incomplete statements of causes of death. Additional information is also obtained regarding the circumstances under which accidental deaths occurred. Supplemental data regarding deaths from motor vehicle accidents are obtained from the Tennessee Department of Safety.

11. Prior to 1972, in addition to the underlying cause of death, as many as two additional causes, one complication and one contributory condition, were coded according to certain rules. Tabulated results of the additional causes for resident deaths were shown in the annual bulletin, *Tennessee Vital Statistics*, for the years 1949-1971. Because of difficulties in interpretation of these data, this coding was discontinued with 1972 events.

12. Resident data are given for the State, for the cities, for the counties, and for the nine health department regions. Resident data are obtained by classifying certificates and reports according to the residence of the deceased for deaths, according to the residence of the mother for births and fetal deaths, according to the residence of the woman for induced terminations of pregnancy, and according to the residence of the bride and groom for marriages.

Copies of death certificates of Tennessee residents dying in other states and copies of certificates of births and reports of fetal deaths occurring in other states to mothers who are residents of Tennessee are forwarded to Tennessee in the interstate transfer of these certificates/reports. Thus, it is possible for each state to derive birth, death, and fetal death statistics relative to its residents. Since at the present time there is no interstate transfer of certificates of marriage and divorce, and of reports of induced terminations of pregnancy, resident data for these events are incomplete.

Under the rules for residence allocation, the standard geographic allocation of residence for births and deaths is to the home area of the individual as stated on the certificate. (Prior to 1973, events in long-term facilities, such as mental hospitals, nursing homes, and penal institutions, regardless of length of stay in the facility, were allocated to the place of previous residence. Whenever data are lacking for residence of the deceased, the death

Figure 1. Map of Tennessee Showing the 95 Counties, the 30 Cities of 10,000 or More Population in 1970, and the 9 Health Department Regions

is given to the place where the death occurred.) For births and infant deaths, the home area of the child is defined as the usual residence of the mother.

Recorded data are obtained by classifying certificates/reports according to the place of birth, death, fetal death, induced termination of pregnancy, marriage, or divorce. For certain purposes, such as knowledge of the numbers of births or deaths in hospitals in cities and counties, recorded data are desirable and are presented in some of the summary tables.

Many residents of the State and of near-by states use the hospitals in the large cities of Tennessee; consequently, the numbers of recorded births and deaths are large in these cities. Resident data, therefore, are preferable to recorded data for comparing birth and death rates of the cities and counties of Tennessee..

DESCRIPTION OF THE STATE OF TENNESSEE AND COMPOSITION OF THE POPULATION

In order to assist in the interpretation of vital statistics, a brief description of the State and of the distribution of its population is given in this section.

Tennessee has a length from east to west of 432 miles on the 36° 30′ parallel and an average width from north to south of 109 miles and is bordered by 8 states. Geographically, the State is divided into three parts. East Tennessee is, in general, a mountainous region with the Appalachian Mountains in the extreme eastern section. This section also contains the fertile valley of East Tennessee which lies between the Appalachian Mountains and the Cumberland Plateau, a tableland with an average elevation of 2,000 feet above sea level. Middle Tennessee, which includes a few counties in the western section of the Cumberland Plateau, is bordered on the west by the Tennessee River as it flows north. This section contains the fertile Nashville or Central Basin. West Tennessee is a part of the Gulf Coastal Plain and is bordered by the Tennessee River flowing north and the Mississippi River.

The State is divided into 95 counties which vary in size. In certain sections of the State, the population is sparse. According to the 1970 Census, in 22 counties, there were less than 30 persons per square mile. These counties are concentrated around the Tennessee River as it flows north and in the Cumberland Plateau Area. There were also 34 counties with only 30-49 persons per square mile. Of the remaining 39 counties, 23 had 50-99 persons per square mile, and 16 had 100 or more persons per square mile. Shelby County with 956.3 persons per square mile and Davidson County with 881.9 persons per square mile were the most densely populated counties.

According to the 1970 Census, 3 counties had less than 5,000 population, and 5 counties had 100,000 or more population. Four of the counties with large populations contained the cities of 100,000 or more population: Chattanooga, Knoxville, Memphis, and Nashville. Sullivan County, in which are located the cities of Bristol and Kingsport, ranked fifth in population. Figure 1 is a map of Tennessee showing the 95 counties, the 30 cities of 10,000 or more population in 1970, and the 9 health department regions. Table 1 lists these 30 cities and the counties in which they are located. Six of these cities had less than 10,000 population according to the 1960 Census: Cookeville, Gallatin, Humboldt, McMinnville, Millington, and Union City.

In Bulletins for years prior to 1963, data are given separately for the City of Nashville and for Davidson County. Effective April 1, 1963, the governments of Nashville and Davidson County merged to form a metropolitan area. Thus, beginning with the 1963 Bulletin, this geographic area has been treated as one entity. In tables which show city and/or county data, "Nashville-Davidson County" is listed with cities of 10,000 or more population, and "Davidson County" is listed with the counties. Identical data are shown for both.

TABLE 1. CITIES OF 10,000 OR MORE POPULATION FOR COUNTIES OF TENNESSEE, 1970

City	*County*	*City*	*County*
Athens	McMinn	Kingsport	Sullivan
Bristol	Sullivan	Knoxville	Knox
Chattanooga	Hamilton	Lebanon	Wilson
Clarksville	Montgomery	McMinnville	Warren
Cleveland	Bradley	Maryville	Blount
Columbia	Maury	Memphis	Shelby
Cookeville	Putnam	Millington	Shelby
Dyersburg	Dyer	Morristown	Hamblen
East Ridge	Hamilton	Murfreesboro	Rutherford
Elizabethton	Carter	Nashville-Davidson	
Gallatin	Sumner	Oak Ridge	Anderson
Greeneville	Greene	Red Bank	Hamilton
Humboldt	Gibson	Shelbyville	Bedford
Jackson	Madison	Tullahoma	Coffee
Johnson City	Washington	Union City	Obion

The 4 counties with cities of 100,000 or more population in 1970 are classified as "metropolitan" counties for the purpose of this Bulletin. The 22 counties containing cities with populations of 10,000 through 99,999 according to the 1970 Census are designated "intermediate" counties; the remaining 69 counties, none of which had a city of 10,000 or more population, comprise the "rural" counties.

The official Census population for Tennessee for April 1, 1970 was 3,924,164. However, due to uncorrected data processing errors, a total of 3,923,687 is shown in tables published by the Census Bureau, which contain the components of race, sex, age, etc. Thus, the latter figure has been used by this office to make comparisons between Census data for 1960 and 1970, to revise estimates for the 1960's, and to make current estimates for the 1970's.

The total enumerated population of Tennessee increased from 3,567,089 in 1960 to 3,923,687 in 1970, representing a 10 percent increase. The white population increased by 11 percent (from 2,977,753 to 3,293,930) in this period, and the nonwhite population gained 7 percent, increasing from 589,336 to 629,757. In 1970, the nonwhite population comprised 16 percent of the State's population, compared with 17 percent in 1960.

The nonwhite population of Tennessee is concentrated primarily in West Tennessee: 59 percent of the State's nonwhite population in 1970 were in that area. In fact, 4 out of every 10 (42.6 percent) of the nonwhite persons of the State lived in Shelby County in which the City of Memphis is located. In two counties in West Tennessee, Fayette and Haywood, the nonwhite population exceeded the white.

Between 1960 and 1970, substantial decreases were experienced in the population under 5 years of age in both racial groups. This was associated with a decrease in births in the latter half of the decade. There was a loss in nonwhite population in the age group 30-54 years; the white population 35-39 years of age showed a decrease also. The greatest percentage gains in population were in the age group 20-24 years for the white and in ages 15-19 years for the nonwhite. The increased populations in these age groups were associated with the relatively high birth rates experienced in the latter part of the 1940's and early 1950's.

The 1970 enumerated population for the metropolitan counties of Tennessee was 1,700,546 or 43 percent of the total for the State. The intermediate and the rural counties, with 1,093,007 and 1,130,134 persons, respectively, each had slightly less than 30 percent of the State's total population. As to racial distribution by type of county, 75 percent of the population of the metropolitan counties was white compared with 91 percent white in both the intermediate and the rural counties.

The population used in calculating rates for the State for 1979 as shown in this Bulletin was 4,380,000, the latest estimate for Tennessee released by the Census Bureau at the time that this report was prepared. Estimates for components of the State's population were derived using *Tennessee State Life Tables*, 1969-1971, as applied to the most recent estimates of broad age groups released by the Census Bureau. Total county population estimates for 1979 were obtained from the Census Bureau; estimates of racial distribution within counties were based on the 1970 Census distribution. Estimates for city populations for 1979 were obtained by calculating the ratio of the 1978 city population to the 1978 county population and by applying this ratio to the 1979 county population and adding city annexations between July 1, of 1978 and 1979; distribution by race was based on the 1970 census data.

Following the release of population figures according to the 1970 Census, intercensal population estimates for the State for the years 1960-1970 were recalculated based on the final Census data for 1960 and 1970. Therefore, beginning with the 1971 Bulletin, rates for the years 1960-1970 may differ somewhat from the rates shown for these years in earlier Bulletins.

DEFINITIONS OF TERMS, RATES, AND RATIOS

Birth Rate - Number of live births per 1,000 population.

Cause-Specific Death Rate - Number of deaths from a specific cause per 100,000 population with the exception of the maternal death rate which is per 10,000 live births.

Crude Death Rate - Number of deaths per 1,000 population.

Divorce Rate - Number of persons divorced per 1,000 population.

Fertility Rate - Number of resident births per 1,000 females 15-44 years of age.

Fetal Death Ratio - Number of fetal deaths per 1,000 live births.

Illegitimate - For live births and fetal deaths, legitimacy item on certificate checked "no".

Illegitimate Birth Rate - Number of illegitimate births per 100 live births.

Induced Termination of Pregnancy - The intentional termination of pregnancy for a purpose other than to produce a live-born infant or to remove a dead fetus.

Induced Termination of Pregnancy Ratio - Number of induced terminations of pregnancy per 1,000 live births.

Infant Death - A death occurring to a live-born infant under one year of age.

Infant Mortality Rate - Number of infant deaths per 1,000 live births.

Live Birth - A birth in which the child shows evidence of life (includes heart action, breathing, or a coordinated movement of a voluntary muscle) after complete birth.

Low-Weight Birth - A live birth weighing less than 2,500 grams.

Low-Weight Birth Rate - Number of live births weighing less than 2,500 grams per 100 live births.

Low-Weight Fetal Death - A birth of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more which is not a live birth and weighs less than 2,500 grams.

Low-Weight Fetal Death Rate - Number of fetal deaths weighing less than 2,500 grams per 100 fetal deaths.

Marriage Rate - Number of persons married per 1,000 population.

Maternal Death - A death due to complications of pregnancy, childbirth, and the puerperium (ICD codes 630-676).

Maternal Death Rate - Number of maternal deaths (ICD codes 630-676) per 10,000 live births.

Neonatal Death - A death occurring to a live-born infant under 28 days of age.

Neonatal Mortality Rate - Number of neonatal deaths per 1,000 live births.

Postneonatal Death - A death of an infant 28 days or more but under one year of age.

Postneonatal Mortality Rate - Number of postneonatal deaths per 1,000 live births.

Prenatal Care - A mother is classified as having obtained prenatal care when the certificate of live birth contains information concerning both the month that prenatal care began and the number of prenatal visits.

Race - The terms "white" and "nonwhite" are used to denote the racial groups. Definitions used for classifying race are those specified by the Bureau of the Census.

Recorded Data - Data compiled according to geographical place where the event occurred without regard to residence. (Recorded data for Tennessee include events which took place within the State, irrespective of the residences of the persons to whom the events occurred.)

Reported Fetal Death (stillbirth) - A birth of 500 grams or more, or in the absence of weight, of 22 completed weeks of gestation or more.(Note: Induced terminations of pregnancy are excluded in the fetal death count .)

Resident Data - Data compiled according to the usual place of residence of the person to whom the event occurred without regard to the geographical place where the event occurred. For births, infant deaths, and fetal deaths, the residence is defined as the usual place of residence of the mother. (Resident data for Tennessee include events which occurred to residents of the State irrespective of where the events took place.)

Notes:

Death rates for specific causes are not calculated for white or nonwhite populations of less than 5,000.

Rates or percents of less than 0.05 are indicated by 0.0.

Rates based on births are not calculated when number of births is less than 10.

Metropolitan county
Intermediate county
Rural county

see page 10 of Introduction.

DISCUSSION OF VITAL STATISTICS, 1979

Births: During 1979, there were 68,326 live births to residents of Tennessee giving a birth rate of 15.6 per 1,000 population. The number of births showed a 3 percent increase over the 66,466 births reported in 1978. The birth rate (15.6) in 1979 represented a 2 percent increase over the rate of 15.3 in the preceding year. The number (68,326) of resident births in 1979 was the largest since 1971 when 71,202 births were reported. Comparable resident birth data are available for the State beginning with 1934.

In 1979, resident white births numbered 52,303, which represented a 2 percent increase over the 51,183 births in 1978. The birth rate of 14.1 per 1,000 white population in 1979 showed a 1 percent increase over the rate of 13.9 in 1978. The 16,021 nonwhite births in 1979 represented a 5 percent increase over the 15,275 nonwhite births in 1978, while the rate of 23.6 for nonwhite births in 1979 was 4 percent higher than the comparable rate of 22.6 in 1978. In 1979, the birth rate for the nonwhite population was 67 percent higher than that for the white population.

The trend of the birth rate by race for the past 20 years is shown in Figure 2. Following the record high rate of 26.7 per 1,000 population for total births in 1947, the birth rate fluctuated slightly until 1955. A steadily declining trend has been observed since that time, interrupted only by increases of 3 percent in 1969 and in 1970, a 5 percent increase in 1977, and a 2 percent increase in 1979. The patterns of the birth rates for the white and nonwhite populations have been similar to the trend of the total birth rate, but rates for the nonwhite population have remained at a level of approximately one and one-half times those for the white .

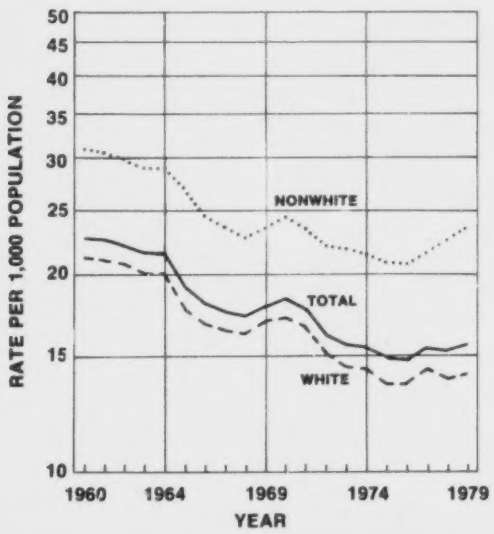

Figure 2. Birth Rates per 1,000 Population, by Race, Resident Data, Tennessee, 1960-1979

During the decade 1960-1970, the number of females in the childbearing age (15-44 years) in Tennessee increased by 13 percent primarily as a result of increases in the number of females 15-29 years of age. An estimated 21 percent increase in the number of females 15-44 years of age was experienced between 1970 and 1979, reflecting increases in all ages 15-44 years. On the other hand, the fertility rate (number of resident births per 1,000 females 15-44 years of age) declined from 110 in 1960 to 86 in 1970 to 67 in 1979, showing decreases of 22 percent for both time intervals. From 1960 to 1979, Tennessee fertility rates fell 47, 41, and 47 percent for women of ages 20-24, 25-29, and 30-34 years, respectively. Women aged 20 to 34 years accounted for 71 percent of the births in 1960 and 76 percent of the births reported in 1979. Since these women account for the majority of the births each year, their declining fertility rates have had a greater impact on the total State fertility rate than the more rapidly declining fertility rates of older women.

For residents, the birth rate in 1979 exceeded the crude death rate for a rate of natural increase of 6.8 per 1,000 population (Table 2). The rate of natural increase in 1979 was 6 percent higher than that for 1978.

TABLE 2. BIRTH AND DEATH RATES AND RATE OF NATURAL INCREASE PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1979

	Total	*White*	*Nonwhite*
Birth rate	15.6	14.1	23.6
Death rate	8.8	8.6	10.1
Rate of natural increase	6.8	5.5	13.5

For the white population, the rate of natural increase was 5.5 per 1,000 population and for the nonwhite, 13.5. Thus, the rate for the nonwhite population was more than twice that for the white.

The 68,326 resident births in 1979 corresponded to an average of 187 births per day (Table 3). The highest daily average of births, 204, occurred in August; September, with a daily average of 201 births, ranked second. The month with the lowest average was April with 172 births per day.

TABLE 3. NUMBER OF BIRTHS BY MONTH WITH AVERAGE PER DAY, RESIDENT DATA, TENNESSEE, 1979

Month	*Number*	*Average per day*	*Month*	*Number*	*Average per day*
Total	68,326	187.2	June	5,288	176.3
			July	6,159	198.7
January	5,861	189.1	August	6,309	203.5
February	5,185	185.2	September	6,027	200.9
March	5,399	174.2	October	5,997	193.5
April	5,150	171.7	November	5,628	187.6
May	5,429	175.1	December	5,894	190.1

Of the 68,326 resident births in 1979, there were 35,020 males and 33,306 females. This gives a sex ratio of 1,051 male births to 1,000 female births, compared to a ratio of 1,054 in 1978.

In 1979, there were 1,301 resident live births occurring in multiple deliveries: 1,279 births were of twins and 22 births were of triplets.

Numbers of births according to attendant at delivery in 1979 are shown in Table 4. Of the total resident births, 67,539 or 98.8 percent occurred in hospitals.

TABLE 4. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO ATTENDANT, BY RACE, RESIDENT DATA, TENNESSEE, 1979

	Total		White		Nonwhite	
Attendant	*Number*	*Percent*	*Number*	*Percent*	*Number*	*Percent*
Total	°68,326	100.0	52,303	100.0	16,021	100.0
In hospital	°67,539	98.8	51,733	98.9	15,804	98.6
Physician	°66,464	97.3	50,905	97.3	15,557	97.1
Certified Nurse Midwife	1,066	1.6	823	1.6	243	1.5
Nurse-Midwife	2	0.0	1	0.0	1	0.0
Midwife	-	-	-	-	-	-
Other or unspecified	7	0.0	4	0.0	3	0.0
Not in hospital	785	1.1	568	1.1	217	1.4
Physician	384	0.6	215	0.4	169	1.1
Certified Nurse Midwife	2	0.0	2	0.0	-	-
Nurse-Midwife	4	0.0	4	0.0	-	-
Midwife	260	0.4	223	0.4	37	0.2
Other or unspecified	135	0.2	124	0.2	11	0.1
Unknown facility	2	0.0	2	0.0	-	-

° Includes one or more births with race not stated.

The percentages of total births by race which were delivered in hospitals for the years 1960-1979 are shown in Table 5. For the years 1960-1979 there was a steady increase in the percentage of births in hospitals; the percentage of total births occurring in hospitals was 92.4 in 1960 in contrast to 98.8 percent in 1979. The greatest increase was among nonwhite births, for whom the frequency of hospital delivery increased from 83.3 percent in 1960 to 98.6 percent in 1979.

TABLE 5. PERCENTAGE OF BIRTHS OCCURRING IN HOSPITALS, BY RACE, RESIDENT DATA, TENNESSEE, 1960-1979

Year	*Total*	*White*	*Nonwhite*	*Year*	*Total*	*White*	*Nonwhite*
1960	92.4	95.0	83.3	1970	97.6	98.7	93.3
1961	92.8	95.2	84.4	1971	97.9	98.9	94.6
1962	93.0	95.4	84.6	1972	98.2	99.0	95.1
1963	93.5	95.9	85.1	1973	98.6	99.2	96.1
1964	94.1	96.5	85.6	1974	98.6	99.2	96.7
1965	94.5	96.8	86.7	1975	98.7	99.2	96.8
1966	95.2	97.3	87.5	1976	98.6	99.0	97.4
1967	95.6	97.6	88.3	1977	98.6	98.9	97.5
1968	96.4	98.1	90.0	1978	98.8	98.9	98.2
1969	97.0	98.4	91.7	1979	98.8	98.9	98.6

The type of county of residence of the mother influenced the likelihood of hospital delivery (Table 6). Mothers who resided in metropolitan counties delivered 99.2 percent of their births in hospitals; in intermediate counties, 99.5 percent of the births occurred in hospitals; and in rural counties, 97.7 percent of the births occurred in hospitals. Nonwhite rural residents experienced the lowest percentage (97.0) of hospital births.

TABLE 6. PERCENTAGE OF BIRTHS OCCURRING IN HOSPITALS BY TYPE OF COUNTY, BY RACE, RESIDENT DATA, TENNESSEE, 1979

Type of County	*Total*	*White*	*Nonwhite*
Metropolitan	99.2	99.5	98.7
Intermediate	99.5	99.5	99.7
Rural	97.7	97.8	97.0

Table 7 shows the distribution of births according to birth weight. In 1979, the percentage of live births considered low-weight (birth weight of less than 2,500 grams) was 7.9. Of the total number of low-weight births, 64 percent were in the group weighing 2,000-2,499 grams. The percentage of nonwhite births considered low-weight was almost twice that of white births, 12.5 and 6.5, respectively.

TABLE 7. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO WEIGHT GROUP, BY RACE, RESIDENT DATA, TENNESSEE, 1979

	Total		White		Nonwhite	
Weight Group	*Number*	*Percent*	*Number*	*Percent*	*Number*	*Percent*
Total	°68,326	100.0	52,303	100.0	16,021	100.0
Low-Weight	5,390	7.9	3,383	6.5	2,007	12.5
Under 1,000 grams	359	0.5	191	0.4	168	1.0
Under 350 grams	5	0.0	4	0.0	1	0.0
350-499 grams	50	0.1	19	0.0	31	0.2
500-999 grams	304	0.4	168	0.3	136	0.8
1,000-1,499 grams	487	0.7	313	0.6	174	1.1
1,500-1,999 grams	1,070	1.6	670	1.3	400	2.5
2,000-2,499 grams	3,474	5.1	2,209	4.2	1,265	7.9
2,500-2,999 grams	11,846	17.3	7,943	15.2	3,903	24.4
3,000-3,499 grams	25,185	36.9	18,876	36.1	6,309	39.4
3,500-3,999 grams	18,979	27.8	15,916	30.4	3,063	19.1
4,000-4,499 grams	5,645	8.3	5,042	9.6	603	3.8
4,500 grams and over	1,197	1.8	1,078	2.1	119	0.7
Unknown weight	°84	0.1	65	0.1	17	0.1

° Includes one or more births with race not stated.

In 1979, of the 68,326 resident births, 20.7 percent (14,175) occurred to mothers less than 20 years of age (Table 8). Of the 52,303 white births, there were 9,534 or 18.2 percent to teenage mothers, while 29.0 percent (4,641 of 16,021) of the nonwhite births were to teenage mothers. Of the total 68,326 resident births, 43,173 (63.2 percent) were to mothers aged 20-29 years; 64.7 percent of the white births and 58.2 percent of the nonwhite births occurred to mothers in this age group.

In 1979, it was indicated on 64,811 or 95 percent of the birth certificates that the mother received prenatal care. A mother was considered to have received prenatal care only if both, the month that prenatal care began and a number of prenatal visits greater than 0, were specified on the birth certificate. On 2,711 or 4 percent of the birth certificates it could not be determined whether the mother had received prenatal care. On 1 percent (804 certificates) the mother stated that no prenatal visits were received. Mothers of 49,715 white babies or 95 percent received prenatal care, and mothers of 15,096 nonwhite babies or 94 percent received care.

TABLE 8. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO AGE OF MOTHER, BY RACE OF CHILD, RESIDENT DATA, TENNESSEE, 1979

Age of Mother	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Total	°68,326	100.0	°52,303	100.0	16,021	100.0
Under 15 years	334	0.5	148	0.3	186	1.2
15-19 years	13,841	20.3	9,386	17.9	4,455	27.8
20-24 years	24,245	35.5	18,532	35.4	5,713	35.7
25-29 years	°18,928	27.7	15,308	29.3	3,619	22.6
30-34 years	8,414	12.3	6,935	13.3	1,479	9.2
35-39 years	°2,187	3.2	1,725	3.3	461	2.9
40-44 years	354	0.5	253	0.5	101	0.6
45 years and over	18	0.0	11	0.0	7	0.0

° Includes one or more births with race of child and/or age of mother not stated.

As education of the mother increased, there was generally an increase in the percentage of mothers receiving prenatal care. Care was obtained by 88 percent of mothers with less than an eighth grade education in comparison to 98 percent of mothers with a college degree. This relationship was identical for mothers of white babies, with 88 percent of these mothers who had less than an eighth grade education receiving care compared to 98 percent of the mothers with a college degree. Eighty-six percent of mothers of nonwhite babies with less than an eighth grade education obtained prenatal care, while 98 percent of those with a college degree obtained care.

Seventy-eight percent of mothers of white babies who received care began care during the first trimester of pregnancy, while only 64 percent of the mothers of nonwhite babies who received care began care this early. For those who received prenatal care, as the education of the mother increased, the mother was more likely to have begun care in the first trimester. Of the total receiving care who had less than an eighth grade education, only 55 percent began the care during the first trimester. In contrast, 93 percent of the college graduates receiving prenatal care began in the first trimester.

There was an inverse relationship between the number of previous pregnancies and the receipt of prenatal care. Ninety-five percent of mothers who gave birth to their first child in 1979 received care, while 94 percent of those with 4 previous pregnancies and 88 percent of those with 6 or more previous pregnancies received care.

In 1979, of the 68,326 resident live births in Tennessee, 13,065 or 19.1 percent were reported as illegitimate. This represented a 5 percent increase over the percentage of illegitimate births in 1978. Of the total number of illegitimate births to residents of the State, 4,230 were white and 8,835 were nonwhite. Illegitimate births accounted for 8.1 percent of the total white births in 1979, while 55.1 percent of the total nonwhite births were illegitimate. From 1978 to 1979, the percentage of births reported to be illegitimate increased by 9 percent for the white population and increased by 2 percent for the nonwhite.

TABLE 9. LIVE BIRTHS BY NUMBER OF PRENATAL VISITS, BY MONTH OF PREGNANCY PRENATAL CARE BEGAN, BY RACE OF CHILD, RESIDENT DATA, TENNESSEE, 1979

Number of Prenatal Visits	Total	Month of Pregnancy Prenatal Care Began: 1st-3rd Month	4th-6th Month	7th-9th Month	No Care	Not Stated
Total						
Total	°68,326	48,685	13,524	2,602	804	°2,711
No visits	804	-	-	-	804	-
1-4 visits	4,828	1,004	2,372	1,452	-	-
5-9 visits	16,810	9,313	6,507	990	-	-
10-14 visits	36,373	32,211	4,016	146	-	-
15-19 visits	5,702	5,174	517	11	-	-
20 or more visits	1,098	983	112	3	-	-
Not stated	°2,711	-	-	-	-	°2,711
White						
Total	52,303	38,981	8,964	1,770	468	2,120
No visits	468	-	-	-	468	-
1-4 visits	2,402	476	1,026	900	-	-
5-9 visits	11,490	6,359	4,387	744	-	-
10-14 visits	30,345	27,109	3,121	115	-	-
15-19 visits	4,652	4,278	365	9	-	-
20 or more visits	826	759	65	2	-	-
Not stated	2,120	-	-	-	-	2,120
Nonwhite						
Total	16,021	9,704	4,560	832	336	589
No visits	336	-	-	-	336	-
1-4 visits	2,426	528	1,346	552	-	-
5-9 visits	5,320	2,954	2,120	246	-	-
10-14 visits	6,028	5,102	895	31	-	-
15-19 visits	1,050	896	152	2	-	-
20 or more visits	272	224	47	1	-	-
Not stated	589	-	-	-	-	589

°Includes one or more births with race not stated.

Table 10 and Figure 3 show the percentages of births which were illegitimate by race for the 30 years, 1950-1979. The percentages that were reported as illegitimate for nonwhite births were 7 to 11 times those for the white throughout this 30-year period. The percentage of total births reported to be illegitimate increased gradually from 5.8 percent in 1950 to 19.1 percent in 1979. Completeness of registration and more truthful reporting of illegitimacy probably contributed to this increase in the relative frequency of reported illegitimate births.

TABLE 10. PERCENTAGE OF LIVE BIRTHS REPORTED TO BE ILLEGITIMATE, BY RACE, RESIDENT DATA, TENNESSEE, 1950-1979

Year	Total	White	Nonwhite	Year	Total	White	Nonwhite
1950	5.8	2.1	20.6	1965	11.2	3.8	36.4
1951	6.1	2.7	19.7	1966	11.3	4.0	37.2
1952	6.0	2.2	21.1	1967	11.8	4.1	39.6
1953	6.7	2.2	24.0	1968	11.8	4.4	39.1
1954	7.0	2.4	24.6	1969	11.8	4.5	39.3
1955	7.3	2.4	25.5	1970	12.5	4.6	41.5
1956	7.6	2.5	25.7	1971	12.9	4.5	43.9
1957	7.8	2.6	26.2	1972	14.4	5.2	47.9
1958	8.0	2.7	27.3	1973	14.9	5.3	49.0
1959	8.4	2.8	27.8	1974	14.9	5.4	49.3
1960	8.7	2.7	29.4	1975	15.8	5.9	50.6
1961	9.3	3.0	31.3	1976	16.5	6.1	53.3
1962	9.5	3.1	32.1	1977	16.6	6.7	52.2
1963	9.7	3.1	32.8	1978	18.2	7.4	54.1
1964	9.9	3.2	33.9	1979	19.1	8.1	55.1

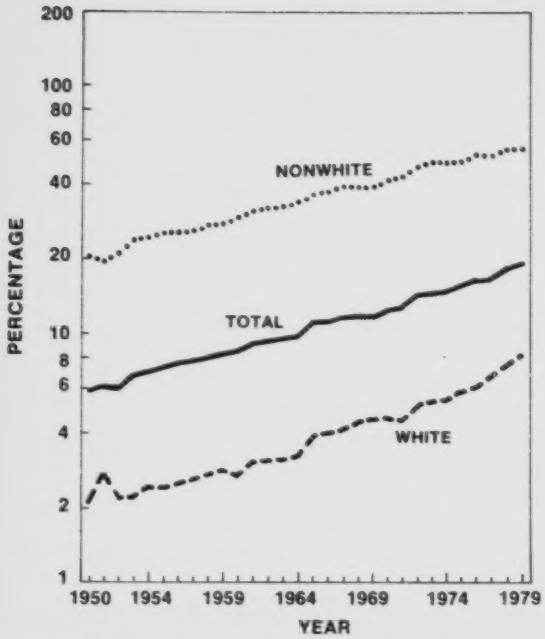

Figure 3. Percentage of Live Births Reported to be Illegitimate, by Race, Resident Data, Tennessee, 1950-1979

In 1979, there were 5,672 births recorded in Tennessee to mothers who were residents of other states and 1,871 births recorded in other states to Tennessee mothers. The recorded birth rate of 16.5 per 1,000 population was higher than the resident rate of 15.6. Both rates in 1979 were higher than in 1978 when the recorded birth rate was 16.1 and the resident rate was 15.3.

Fetal Deaths: Reporting of all fetal deaths of 20 completed weeks of gestation or more or a weight of 350 grams or more was required in Tennessee for the first 3 months of 1979. However, on April 12, 1979 the law requiring the reporting of fetal deaths was amended, and under this amendment, reporting of a fetal death is required if the fetus weighs 500 grams or more, or, in the absence of weight, is of 22 completed weeks of gestation or more. In 1979, there were 632 fetal deaths reported to mothers who were residents of the State. The fetal death ratio of 9.2 per 1,000 live births in 1979 was a new record low and was 12 percent lower than the previous low ratio of 10.5 established in 1978.

Of the 632 fetal deaths reported as resident events, 97 percent were delivered in hospitals. During the past 20 years, there has been an increase in the percentage of fetal deaths delivered in hospitals similar to that for live births. In 1979, the percentage of hospital deliveries was slightly lower for total, white, and nonwhite fetal deaths than for corresponding live births.

The distribution of reported fetal deaths by weight at delivery in 1979 is given in Table 11, which shows 62.0 percent classified as low-weight (less than 2,500 grams) compared with 62.6 percent in 1978. Of the 428 white fetal deaths in 1979, there were 256 or 59.8 percent classified as low-weight compared to 68.9 percent (135 of 196) for the nonwhite.

Causes of fetal deaths were classified according to the *Ninth Revision International Classification of Diseases*, 1975.

TABLE 11. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO WEIGHT GROUP, BY RACE, RESIDENT DATA, TENNESSEE, 1979

	Total		*White*		*Nonwhite*	
Weight Group	*Number*	*Percent*	*Number*	*Percent*	*Number*	*Percent*
Total	°632	100.0	428	100.0	196	100.0
Low-Weight	°392	62.0	256	59.8	135	68.9
Under 1,000 grams	°171	27.1	113	26.4	57	29.1
Under 350 grams	4	0.6	4	0.9	-	-
350-499 grams	10	1.6	6	1.4	4	2.0
500-999 grams	°157	24.8	103	24.1	53	27.0
1,000-1,499 grams	78	12.3	50	11.7	28	14.3
1,500-1,999 grams	79	12.5	50	11.7	29	14.8
2,000-2,499	64	10.1	43	10.0	21	10.7
2,500 grams and over	°180	28.5	134	31.3	43	21.9
Unknown weight	°60	9.5	38	8.9	18	9.2

°Includes one or more fetal deaths with race not stated.

Complications of placenta was the reported leading cause of the total and nonwhite fetal deaths, while complications of cord was the leading cause of the white fetal deaths and the second leading cause for the total fetal deaths in 1979. The second most frequently stated cause of white fetal deaths was complications of the placenta and for the nonwhite fetal deaths was maternal complications of pregnancy. For 35.9 percent of the total fetal deaths in 1979, the cause was coded as other and ill-defined conditions originating in the perinatal period.

TABLE 12. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO CAUSE, BY RACE, RESIDENT DATA, TENNESSEE, 1979

	Total		*White*		*Nonwhite*	
Cause of Fetal Death	*Number*	*Percent*	*Number*	*Percent*	*Number*	*Percent*
Total	°632	100.0	428	100.0	196	100.0
Congenital anomalies (740-759)	39	6.2	30	7.0	9	4.6
Maternal conditions which may be unrelated to pregnancy (760.1-760.9)	17	2.7	11	2.6	6	3.1
Maternal complications of pregnancy (760.0, 761)	°62	9.8	44	10.3	16	8.2
Complications of placenta (762.0-762.3)	°113	17.9	71	16.6	41	20.9
Complications of cord (762.4-762.6)	°84	13.3	73	17.1	10	5.1
Complications of membranes (762.7-762.9)	3	0.5	1	0.2	2	1.0
Other complications of labor and delivery (763)	3	0.5	3	0.7	-	-
Immaturity (765)	°37	5.9	30	7.0	6	3.1
Intrauterine hypoxia and birth asphyxia (768)	19	3.0	14	3.3	5	2.6
Other and ill-defined conditions originating in the perinatal period (779)	°227	35.9	131	30.6	94	48.0
Other and ill-defined causes	°28	4.4	20	4.7	7	3.6

°Includes items with race not stated.

Abortions: In 1979 in Tennessee, 23,399 induced termination of pregnancy were reported by hospitals, abortion clinics, and physicians' offices. There were 324.4 abortions per 1,000 live births recorded in 1979, compared to a ratio of 269.1 recorded in 1978.

In 1979, of the 23,399 women who received abortions, 18,713 were residents of Tennessee. The women who were nonresidents in 1979 were reported to be residents of 28 other states and the District of Columbia. There is not an interstate exchange of reports, so the number of abortions performed on Tennessee residents which occurred in other states is unknown.

In 1979, of the women receiving abortions in Tennessee, 17,329 were white and 6,027 were nonwhite. The ratio of abortions per 1,000 live births was higher for the nonwhite than the white women (358.2 and 313.4, respectively). The ratio for white women increased by 15 percent when compared to the ratio (272.8) recorded in 1978, while the ratio for nonwhite women increased by 42 percent when compared to the ratio (251.8) for the previous year. The racial distribution of induced abortions is very similar to the racial distribution of the recorded live births in Tennessee for 1979. For 6 years of data by race see Table 13.

TABLE 13. NUMBER OF INDUCED ABORTIONS ACCORDING TO RACE OF WOMAN WITH RATIOS PER 1,000 LIVE BIRTHS, RECORDED DATA, TENNESSEE, 1974-1979

Year	Total		White		Nonwhite	
	Number	Ratio	Number	Ratio	Number	Ratio
1974.....	°7,406	109.1	5,420	##	1,478	##
1975.....	°11,081	168.5	8,483	166.4	2,330	157.7
1976.....	°16,967	258.5	10,840	212.4	3,259	223.2
1977.....	°16,463	235.2	12,297	225.5	3,675	238.1
1978.....	°18,889	269.1	14,737	272.8	4,073	251.8
1979.....	°23,399	324.4	17,329	313.4	6,027	358.2

° Includes abortions with race not stated.
##Data not available to compute ratios by race.

Of the women obtaining induced abortions in Tennessee in 1979, approximately one third were 19 years of age and under, one third were between 20 and 24 years of age, and one third were 25 years of age or older. This distribution varied slightly according to the race of the woman as shown in Table 14.

TABLE 14. NUMBER AND PERCENT DISTRIBUTION OF INDUCED ABORTIONS ACCORDING TO AGE AND RACE OF WOMAN, RECORDED DATA, TENNESSEE, 1979

Age of Woman	Total		White		Nonwhite	
	Number	Percent	Number	Percent	Number	Percent
Total	°23,399	100.0	17,329	100.0	6,027	100.0
Under 15 years	300	1.3	161	0.9	139	2.3
15-19 years	°7,532	32.2	6,027	34.8	1,492	24.8
20-24 years	°8,246	35.2	5,972	34.5	2,260	37.5
25-29 years	°4,081	17.4	2,813	16.2	1,261	20.9
30-34 years	°1,923	8.2	1,387	8.0	532	8.8
35-39 years	°957	4.1	719	4.1	237	3.9
40-44 years	°304	1.3	217	1.3	86	1.4
45 years and over.....	17	0.1	12	0.1	5	0.1
Not stated	°39	0.2	21	0.1	15	0.2

°Includes abortions with race not stated.

Deaths: During 1979, deaths to Tennessee residents numbered 38,712, which reflected a very slight increase over the 38,654 deaths in 1978. In 1979, the death rate of 8.8 per 1,000 population represented a 1 percent decrease from the comparable rate of 8.9 in 1978; the resident death rate in 1979 was the lowest for the State since 1956 when the rate was 8.6.

In 1979, the 31,837 deaths among the white race showed a very slight decrease from the comparable 31,964 deaths for 1978, while the 6,875 deaths of nonwhites in 1979 showed a 3 percent increase over the 6,690 deaths for 1978. For the white race in 1979, the death rate of 8.6 per 1,000 white population represented a 1 percent decrease from the comparable rate of 8.7 for the preceding year; the death rate of 10.1 per 1,000 nonwhite population in 1979 showed a 2 percent increase over the record low rate (9.9) established in 1978.

TABLE 15. AGE-ADJUSTED[1] DEATH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1960-1979

Year	Total	White	Nonwhite	Year	Total	White	Nonwhite
1960.....	7.8	7.1	10.5	1970.....	7.6	7.1	10.5
1961.....	7.5	6.9	10.8	1971.....	7.4	6.9	10.0
1962.....	7.7	7.1	11.1	1972.....	7.5	7.0	10.2
1963.....	7.9	7.3	11.3	1973.....	7.4	6.9	10.4
1964.....	7.7	7.0	11.0	1974.....	7.2	6.8	10.0
1965.....	7.5	7.0	10.4	1975.....	6.9	6.4	9.6
1966.....	7.6	7.1	10.7	1976.....	6.8	6.4	9.2
1967.....	7.4	7.0	10.2	1977.....	6.6	6.2	9.3
1968.....	7.7	7.0	11.2	1978.....	6.4	6.0	8.8
1969.....	7.6	7.1	10.9	1979.....	6.3	5.9	9.0

[1]Adjusted to age distribution of 1940 Census population of the United States.

Since death rates vary by age, the crude death rate is affected by the age composition of the population. In order to remove the effect of the changing age distribution of the population, age-adjusted death rates have been computed by race for the years of 1950-1979 and are shown in Table 15 and Figure 4. These adjusted

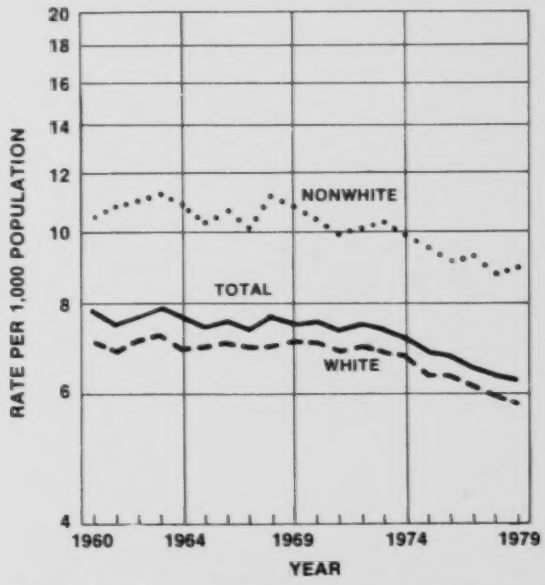

Figure 4. Age-Adjusted Death Rates per 1,000 Population, by Race, Resident Data, Tennessee, 1960-1979

rates were calculated using the direct method and the total enumerated population of the United States in 1940 as a standard. (In the Bulletins for the years 1971-1976, the age-adjusted rates were obtained using the 1950 Census population of Tennessee. The 1940 United States Census population is frequently used as a standard; thus, the Tennessee age-adjusted death rates can be readily compared to other death rates which have been age-adjusted to the same standard.)

If the age composition of the population of Tennessee had been the same in 1979 as that of the United States in 1940, the death rate for the total population would have been 6.3 per 1,000 population (rather than the crude rate of 8.8). This adjusted rate for 1979 was 19 percent lower than the comparable rate for 1960, while the crude death rate for 1979 was only 4 percent lower than the crude rate for 1960. In the current population, there is an increased number of older persons among whom the risk of death is greatest. The progress made in reducing mortality during the last 20 years is concealed in comparison of crude death rates due to the larger proportion of older people in the population. During this same period, the age-adjusted death rate for the white population declined by 17 percent, while the rate for the nonwhite showed a 14 percent decline. The age-adjusted death rate for the nonwhite population in 1979 was 53 percent higher than that for the white; whereas, the comparison of the crude death rates showed that the rate for the nonwhite was only 17 percent higher than the rate for the white population.

TABLE 16. DEATH RATES PER 1,000 POPULATION BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1979

		White			*Nonwhite*		
Age Group	*Total*	*Total*	*Male*	*Female*	*Total*	*Male*	*Female*
All ages	8.8	8.6	9.9	7.3	10.1	12.1	8.4
Under 1 year †	13.5	11.5	13.2	9.7	20.3	22.1	18.4
1-4 years	0.6	0.5	0.6	0.5	0.7	0.7	0.7
5-9 years	0.3	0.3	0.3	0.2	0.5	0.6	0.3
10-14 years	0.4	0.4	0.5	0.2	0.4	0.6	0.3
15-19 years	1.1	1.1	1.6	0.6	1.1	1.6	0.6
20-24 years	1.4	1.4	2.1	0.7	1.4	2.0	0.7
25-29 years	1.3	1.2	1.7	0.7	2.1	3.0	1.3
30-34 years	1.6	1.4	1.9	0.9	2.7	4.1	1.5
35-44 years	2.5	2.2	3.0	1.5	4.9	7.4	3.1
45-54 years	6.6	5.8	8.1	3.8	12.7	19.8	7.6
55-64 years	14.5	13.2	19.3	8.1	25.0	33.9	18.1
65-74 years	30.9	28.8	42.6	18.7	44.4	59.6	33.2
75 years and over	84.5	85.5	104.0	75.2	78.5	94.9	68.1

†Rate per 1,000 live births

Age-specific death rates by race and sex for 1979 are given in Table 16. In the total population, death rates were high for infants but were low during childhood years. The rates remained at a similar level for persons from 15 through 34 years of age, after which the rates increased sharply and were at the highest level for persons in the 75 years and over age group. The death rates for the white and nonwhite populations followed, in general, the same age pattern as that for the total; however, the rates for the nonwhite population were at a higher level than those for the white in every age group except for those aged 10-24 years and 75 years and over. Mortality was higher among males than females for all age groups in both races except among the nonwhite population 1-4 years of age. White males in every age group 10-74 years experienced death rates at least twice as high as those of white females of comparable ages. Also, nonwhite males in every age group 5-54 years experienced death rates at least twice as high as their female counterparts.

Death rates by race according to type of county are shown in Table 17. The risk of death (9.5 per 1,000 population) was greatest for residents of rural counties. For the population of the metropolitan and intermediate counties, the death rates were 8.8 and 8.3, respectively. The death rate for the white population varied inversely with the urban character of the county, with metropolitan counties having the lowest death rate and with rural counties having the highest death rate. In the nonwhite population, the death rate varied directly with the urban character of the county, with metropolitan counties having the highest death rate. The age distribution of the population, the availability of health resources, and the completeness of registration are factors to be considered in interpreting data shown in this table.

TABLE 17. DEATH RATES PER 1,000 POPULATION BY TYPE OF COUNTY, BY RACE, RESIDENT DATA, TENNESSEE, 1979

Type of County	*Total*	*White*	*Nonwhite*
Metropolitan	8.8	8.1	10.7
Intermediate	8.3	8.2	9.3
Rural	9.5	9.5	8.9

The seasonal distribution of deaths in 1979 is shown in Table 18. There was an average of 106 deaths per day. These averages varied by month with the lowest, 99 deaths per day, occurring during August and September. The highest average number of deaths per day was experienced in January with 114 deaths.

In 1979, the number of deaths of Tennessee residents numbered 38,712, or 2,355 fewer than the 41,067 deaths recorded in Tennessee. Thus, there were more deaths of nonresidents which occurred in Tennessee (3,489) than there were deaths of Tennessee residents which occurred in other states (1,134). The recorded death rates for the large cities of Tennessee were high because many deaths of residents of rural areas of Tennessee and of nearby states occurred in the hospitals of these Tennessee cities.

TABLE 18. NUMBER OF DEATHS BY MONTH WITH AVERAGE PER DAY, RESIDENT DATA, TENNESSEE, 1979

Month	*Number*	*Average per day*	*Month*	*Number*	*Average per day*
Total	38,712	106.1	June	3,015	100.5
			July	3,137	101.2
January	3,519	113.5	August	3,073	99.1
February	3,142	112.2	September	2,975	99.2
March	3,330	107.4	October	3,362	108.5
April	3,216	107.2	November	3,227	107.6
May	3,306	106.6	December	3,410	110.0

Infant Mortality: In Tennessee during 1979, there were 925 resident infant deaths, giving an infant mortality rate of 13.5 per 1,000 live births. The number of deaths was 6 percent smaller than the 981 infant deaths in 1978, while the rate was a record low (since records were first kept on resident data in 1934) and was 9 percent less than the previous low of 14.8 per 1,000 live births obtained in 1978.

White infants experienced 600 deaths or a mortality rate of 11.5 per 1,000 white live births in 1979; among nonwhite infants, there were 325 deaths, corresponding to a rate of 20.3. Both the number of white infant deaths (600) and the mortality rate (11.5) in 1979 were record lows for that racial group; for nonwhite infants, the mortality rate (20.3) was a record low.

The trend of infant mortality rates for the past 20 years has been downward (as shown in Figure 5). The number of infant deaths and the mortality rate for the years 1960-1979 are given in Table I.

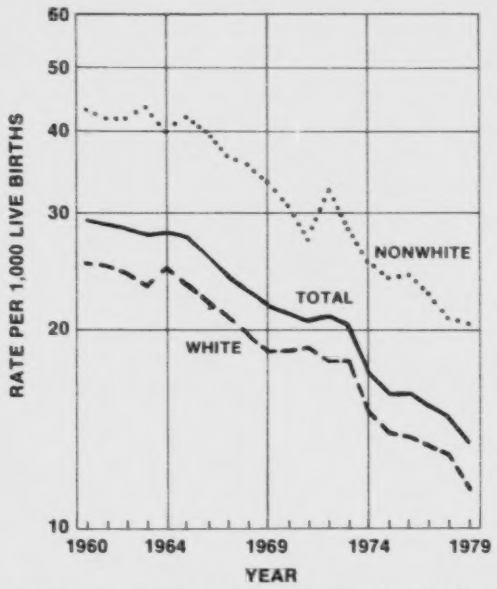

Figure 5. Infant Mortality Rates per 1,000 Live Births, by Race, Resident Data, Tennessee, 1960-1979

In 1979, deaths of male infants numbered 534 and of female infants, 391. The mortality rate of 15.2 per 1,000 live births experienced by male infants was 30 percent higher than the rate of 11.7 for female infants.

Infant mortality rates according to type of resident county are given in Table 19. For both the white and nonwhite infants, the risk of mortality was lowest for those who were residents of metropolitan counties. The greatest risk of mortality was for nonwhite infants in the intermediate counties. The racial differential was greatest in the metropolitan counties where mortality among nonwhite infants was 91 percent higher than that for the white infants.

TABLE 19. INFANT MORTALITY RATES PER 1,000 LIVE BIRTHS BY TYPE OF COUNTY, BY RACE, RESIDENT DATA, TENNESSEE, 1979

Type of County	*Total*	*White*	*Nonwhite*
Metropolitan	14.2	10.5	20.1
Intermediate	12.9	11.9	21.1
Rural	13.0	12.1	20.6

Table 20 gives the number of resident infant deaths by broad groups of causes for 1979. The major group, certain conditions originating in the perinatal period (ICD code numbers 760-779) accounted for 460 or 50 percent of the infant deaths. Congenital anomalies were responsible for 178 or 19 percent of the infant deaths; accidents and adverse effects and the group pneumonia and influenza each accounted for 32 or 3 percent of the infant deaths in 1979. Mortality rates per 1,000 live births for nonwhite infants were the same or higher than for white infants for all of the causes of death listed in Table 20 except congenital anomalies and accidents and adverse effects.

TABLE 20. NUMBER OF INFANT DEATHS BY CAUSE WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1979

	Total		*White*		*Nonwhite*	
Cause of Death	*Number*	*Rate*	*Number*	*Rate*	*Number*	*Rate*
Total	925	13.5	600	11.5	325	20.3
Certain gastrointestinal diseases (008-009,535, 555-558)	6	0.1	4	0.1	2	0.1
Pneumonia and influenza (480-487)	32	0.5	24	0.5	8	0.5
Congenital anomalies (740-759)	178	2.6	145	2.8	33	2.1
Immaturity (765)	64	0.9	33	0.6	31	1.9
Birth trauma (767)	19	0.3	14	0.3	5	0.3
Intrauterine hypoxia and birth asphyxia (768)	40	0.6	28	0.5	12	0.7
Respiratory distress syndrome (769)	76	1.1	59	1.1	17	1.1
Other conditions originating in the perinatal period (760-764,766,770-779)	261	3.8	136	2.6	125	7.8
Sudden infant death syndrome (798.0)	117	1.7	64	1.2	53	3.3
Accidents and adverse effects (E800-E949)	32	0.5	27	0.5	5	0.3
All other and ill-defined causes	100	1.5	66	1.3	34	2.1

Infant deaths by age at death and by race with rates per 1,000 live births are shown for 1979 in Table 21. Sixty-seven percent or 620 of the 925 infant deaths occurred during the neonatal period, the first 27 days of life. The neonatal mortality rate in 1979 was 9.1 per 1,000 live births, compared to 10.4 in 1978. Of the 620 neonatal deaths in 1979, whites accounted for 397 deaths and nonwhites,

TABLE 21. NUMBER OF INFANT DEATHS BY AGE AT DEATH WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1979

	Total		*White*		*Nonwhite*	
Age at Death	*Number*	*Rate*	*Number*	*Rate*	*Number*	*Rate*
Total, under 1 year	925	13.5	600	11.5	325	20.3
Neonatal (under 28 days)	620	9.1	397	7.6	223	13.9
Under 1 day	332	4.9	202	3.9	130	8.1
1-6 days	176	2.6	122	2.3	54	3.4
7-27 days	112	1.6	73	1.4	39	2.4
Under 1 month	623	9.1	399	7.6	224	14.0
1 month	61	0.9	37	0.7	24	1.5
2 months	60	0.9	46	0.9	14	0.9
3 months	49	0.7	26	0.5	23	1.4
4 months	37	0.5	25	0.5	12	0.7
5 months	19	0.3	14	0.3	5	0.3
6 months	22	0.3	15	0.3	7	0.4
7 months	19	0.3	12	0.2	7	0.4
8 months	6	0.1	6	0.1	-	-
9 months	14	0.2	7	0.1	7	0.4
10 months	6	0.1	5	0.1	1	0.1
11 months	9	0.1	8	0.2	1	0.1

223; corresponding rates were 7.6 per 1,000 white live births and 13.9 per 1,000 nonwhite live births. The number of neonatal deaths and the mortality rates for the total, white, and nonwhite infants in 1979 were record lows.

In 1979, the neonatal mortality rate for the nonwhite infants was 83 percent higher than that for the white; the racial differential in 1979 represented an increase when compared to that for 1978 when the nonwhite rate was 68 percent higher than the white.

More than half (332) of the 620 neonatal deaths occurred among infants under 1 day of age, and an additional 28 percent or 176 died at 1-6 days of age; thus, 82 percent of the neonatal deaths occurred within the first week of life.

Mortality in the postneonatal period is much lower than in the neonatal period (see Figure 6). In 1979, there were 305 postneonatal deaths with a rate of 4.5 per 1,000 live births. The postneonatal mortality rate of 3.9 per 1,000 live births for white infants was 2 percent lower than the comparable rate of 4.0 for that racial group in 1978. The postneonatal rate of 6.4 for the nonwhite population in 1979 increased 12 percent over the comparable rate of 5.7 in the preceding year.

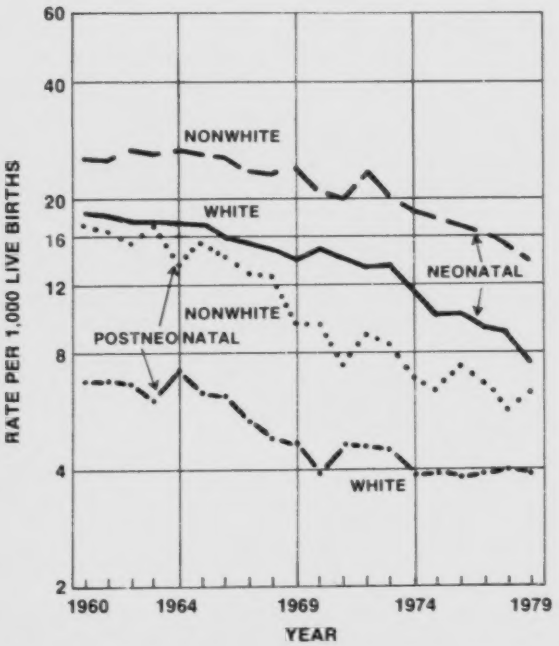

Figure 6. Infant Mortality Rates per 1,000 Live Births According to Neonatal and Postneonatal Periods, by Race. Resident Data, Tennessee, 1960-1979

Maternal Mortality: Nine Tennessee mothers were reported to have died from complications of pregnancy, childbirth and the puerperium giving a maternal mortality rate of 1.3 per 10,000 live births. In 1978, there were 10 maternal deaths corresponding to a rate of 1.5. Of the nine deaths in 1979, white women accounted for three and nonwhite, six. The maternal mortality rate of 0.6 for the white population was about one sixth of the rate of 3.7 for the nonwhite.

Causes of maternal deaths were as follows: other obstetrical trauma (1); postpartum hemorrhage (1); other complications of labor and delivery, not elsewhere classified (1); major puerperal infection (1); obstetrical pulmonary embolism (2); and other and unspecified complications of puerperium not elsewhere classified (3).

Mortality in Childhood: During the year 1979, there were 377 deaths of children 1-14 years of age. Of these, 186 deaths or 49 percent were the result of accidental injuries.

Children 1-4 years of age experienced 144 deaths, giving a rate of 0.6 per 1,000 population. For white children in this age group, the rate was 0.5 and for nonwhite children, 0.7. The most frequently stated cause of death for those in the age group 1-4 years was accidents and adverse effects, with 67 deaths reported. The second most frequently reported cause of death for children 1-4 years of age was congenital anomalies with 20 deaths followed by malignant neoplasms with 10 deaths and diseases of heart with 7 deaths.

For the age group 5-9 years, there were 106 deaths and for those 10-14 years, 127 deaths. The mortality rates from all causes for each of these two age groups were low, 0.3 for the age group 5-9 years and 0.4 for those ages 10-14 years. Accidents and adverse effects ranked as the leading cause of death in both age groups, with 55 in the age group 5-9 years and with 64 in the age group 10-14 years. The second leading cause of death for both age groups was malignant neoplasms with 14 deaths of children 5-9 years of age and with 15 deaths of children 10-14 years of age; congenital anomalies was the third most reported cause of death with 10 and 11 deaths, respectively.

Principal Causes of Death: The groupings of principal causes of death in the tables that follow are in accordance with national recommendations and the Ninth Revision International Classification of Diseases. Due to the introduction of the Ninth Revision, there was a major restructuring of leading causes of death in 1979. This change has created new category titles; while some of the new titles can be compared with those under the Eighth Revision, others cannot. Accidents and adverse effects under the Ninth Revision can be compared to accidents under the Eighth Revision; pneumonia and influenza can be compared with influenza and pneumonia; chronic obstructive pulmonary disease and allied conditions is not comparable to any Eighth Revision category.

TABLE 22. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1979

	Cause of Death	*Deaths* *Number*	*Rate*
	All causes	38,712	883.8
1.	Diseases of heart (390-398, 402, 404-429)	14,115	322.3
2.	Malignant neoplasms (140-208)	7,792	177.9
3.	Cerebrovascular disease (430-438)	4,213	96.2
4.	Accidents and adverse effects (E800-E949)	2,350	53.7
5.	Chronic obstructive pulmonary disease and allied conditions (490-496)	1,052	24.0
6.	Pneumonia and influenza (480-487)	908	20.7
7.	Atherosclerosis (440)	642	14.7

The 7 principal causes of death (as shown in Table 22 and Figure 7) accounted for 31,072 or 80 percent of the total 38,712 deaths of Tennessee residents in 1979. The first four principal causes of death were the same as in 1978. In 1979, the leading cause of death was diseases of heart with 14,115 deaths or 36 percent of all deaths, and the death rate was 322.3 per 100,000 population. Malignant neoplasms ranked second with 7,792 deaths and a rate of 177.9. The third principal cause of death was cerebrovascular disease with 4,213 deaths and a rate of 96.2. Accidents and adverse effects accounted for 2,350 deaths, a rate of 53.7, and ranked fourth. A new category, chronic obstructive pulmonary disease and allied conditions, was ranked fifth, with 1,052 deaths and a rate of 24.0. The inclusion of this new category moved pneumonia and influenza to sixth place and atherosclerosis to seventh with rates of 20.7 and 14.7 per 100,000 population, respectively.

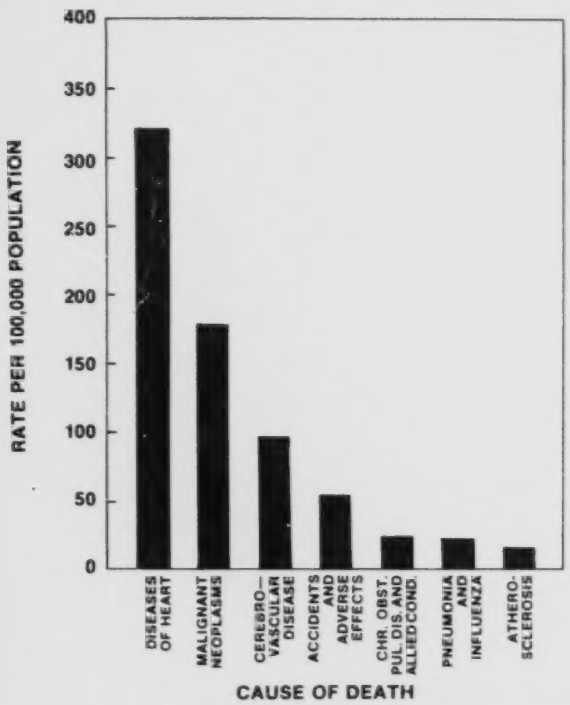

Figure 7. Death Rates per 100,000 Population for the Principal Causes of Death, Resident Data, Tennessee, 1979

The seven principal causes of death for males and for females in 1979 are shown in Table 23. Of these, the first four were the same and in the same rank order for both sex groups. For males, chronic obstructive pulmonary disease and allied conditions was the fifth principal cause of death; pneumonia and influenza was ranked sixth; and suicide was in seventh place. For females, pneumonia and influenza ranked fifth followed by atherosclerosis in sixth place and diabetes mellitus in seventh. Of the four leading causes common to both sex groups, death rates were higher for males than for females with the exception of cerebrovascular disease. Of the three leading causes for which death rates for the male population were higher than those for the female, the greatest relative excess was for accidents and adverse effects, where the rate for males was almost two and three-fourths times that for females.

TABLE 23. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, BY SEX, RESIDENT DATA, TENNESSEE, 1979

Cause of Death	*Deaths* Number	Rate
Male		
All causes	21,678	1,027.4
1. Diseases of heart (390-398, 402, 404-429)	7,947	376.6
2. Malignant neoplasms (140-208)	4,441	210.5
3. Cerebrovascular disease (430-438)	1,838	87.1
4. Accidents and adverse effects (E800-E949)	1,685	79.9
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	782	37.1
6. Pneumonia and influenza (480-487)	467	22.1
7. Suicide (E950-E959)	442	20.9
Female		
All causes	17,034	750.4
1. Diseases of heart (390-398, 402, 404-429)	6,168	271.7
2. Malignant neoplasms (140-208)	3,351	147.6
3. Cerebrovascular disease (430-438)	2,375	104.6
4. Accidents and adverse effects (E800-E949)	665	29.3
5. Pneumonia and influenza (480-487)	441	19.4
6. Atherosclerosis (440)	399	17.6
7. Diabetes mellitus (250)	336	14.8

Mortality by cause differs by age group. (See Table 24 for principal causes of death for five adult age groups.) For the first three age groups, only five causes are shown due to the small numbers of deaths involved. For the two older age groups, the larger numbers of deaths make the listing of seven causes meaningful. Detailed data regarding causes by race, sex, and age are given in Table IV.

For the age group 15-24 years, accidents and adverse effects accounted for 570 or 56 percent of the 1,021 deaths. Homicide and legal intervention ranked second, followed by suicide, malignant neoplasms, and diseases of heart. It is noteworthy that over three-fourths of all deaths in this age group were from external causes which are potentially amenable to prevention.

In 1979, the five leading causes of death for the age group 25-34 years were the same and in the same rank order as for the preceding age group. With the exception of the rate for accidents and adverse effects, death rates for leading causes in this age group were higher than those for the age group 15-24 years.

For the age group 35-44 years, the five principal causes of death were the same as those for the two preceding age groups but in a different rank order. Malignant neoplasms was the leading cause of death for this age group, followed by diseases of heart, accidents and adverse effects, suicide, and homicide and legal intervention. In contrast to the 15-24 years age group, only 31 percent were from external causes.

Accidents and adverse effects, the leading cause for the two preceding age groups, dropped to third place for the age group 35-44 years. However, for the broad group of persons 1-44 years, accidents and adverse effects ranked above all other causes and accounted for 37 percent of the deaths in this age group.

In the age group 45-64 years, the leading cause of death was diseases of heart, accounting for 3,212 deaths or 35 percent of the deaths in this age group. Malignant neoplasms ranked second followed by cerebrovascular disease and accidents and adverse

effects. Chronic obstructive pulmonary disease and allied conditions and chronic liver disease and cirrhosis, which were not principal causes of death for the younger age groups, ranked fifth and sixth, respectively, for ages 45-64 years. Suicide was the seventh leading cause for this age group in 1979.

TABLE 24. PRINCIPAL CAUSES OF DEATH FOR FIVE AGE GROUPS WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1979

Cause of Death	*Deaths* Number	Rate
15-24 Years		
All causes	1,021	125.9
1. Accidents and adverse effects (E800-E949)	570	70.3
2. Homicide and legal intervention (E960-E978)	113	13.9
3. Suicide (E950-E959)	106	13.1
4. Malignant neoplasms (140-208)	51	6.3
5. Diseases of heart (390-398, 402, 404-429)	26	3.2
25-34 Years		
All causes	1,017	144.8
1. Accidents and adverse effects (E800-E949)	371	52.8
2. Homicide and legal intervention (E960-E978)	140	19.9
3. Suicide (E950-E959)	113	16.1
4. Malignant neoplasms (140-208)	112	15.9
5. Diseases of heart (390-398, 402, 404-429)	67	9.5
35-44 Years		
All causes	1,264	253.7
1. Malignant neoplasms (140-208)	284	57.0
2. Diseases of heart (390-398, 402, 404-429)	279	56.0
3. Accidents and adverse effects (E800-E949)	220	44.2
4. Suicide (E950-E959)	93	18.7
5. Homicide and legal intervention (E960-E978)	85	17.1
45-64 Years		
All causes	9,088	1,037.8
1. Diseases of heart (390-398, 402, 404-429)	3,212	366.8
2. Malignant neoplasms (140-208)	2,800	319.7
3. Cerebrovascular disease (430-438)	534	61.0
4. Accidents and adverse effects (E800-E949)	441	50.4
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	270	30.8
6. Chronic liver disease and cirrhosis (571)	242	27.6
7. Suicide (E950-E959)	171	19.5
65 Years and Over		
All causes	25,015	5,084.3
1. Diseases of heart (390-398, 402, 404-429)	10,504	2,135.0
2. Malignant neoplasms (140-208)	4,502	915.0
3. Cerebrovascular disease (430-438)	3,600	731.7
4. Chronic obstructive pulmonary disease and allied conditions (490-496)	764	155.3
5. Pneumonia and influenza (480-487)	746	151.6
6. Atherosclerosis (440)	618	125.6
7. Accidents and adverse effects (E800-E949)	529	107.5

Sixty-five percent of the 38,712 deaths of Tennessee residents in 1979 were of persons 65 years of age and older. The principal cause of death for this age group (as in the preceding age group) was diseases of heart, which accounted for 10,504 deaths. Malignant neoplasms ranked second followed by cerebrovascular disease and chronic obstructive pulmonary disease and allied conditions. Pneumonia and influenza and atherosclerosis, ranking fifth and sixth, did not rank as leading causes of death for the younger age groups. Accidents and adverse effects ranked as the seventh leading cause of death in the age group 65 years and over.

Tuberculosis: In 1979, the deaths of 63 Tennessee residents were reported to be due to tuberculosis, giving a death rate of 1.4 per 100,000 population. Of these deaths, 48 occurred in the white population and 15 in the nonwhite. The death rates were 1.3 for the white population and 2.2 for the nonwhite. Mortality from tuberculosis was higher for males of both racial groups than for females. There were only 2 deaths from tuberculosis in 1979 occurring to persons under 35 years of age in contrast to 45 deaths to persons aged 65 years and over.

Syphilis: In 1979, syphilis accounted for deaths of six Tennessee residents. Of these six deaths, five occurred in the male population and one, in the female population.

Acute Infective Diseases: In 1979, there was not a single death from acute poliomyelitis or measles.

One death each was attributed to shigellosis and amebiasis; whooping cough; and the group streptococcal sore throat, scarlatina, and erysipelas. Two deaths were due to Rocky Mountain spotted fever, and four deaths were caused by viral encephalitis. Other deaths due to infective diseases include: meningococcal infection, 10; viral hepatitis, 18; and septicemia, 98.

Malignant Neoplasms: Malignant neoplasms, the second leading cause of mortality to residents of Tennessee in 1979, accounted for 7,792 deaths or a rate of 177.9 per 100,000 population. The white population experienced 6,456 deaths from this cause, corresponding to a rate of 174.4, while the nonwhite deaths numbered 1,336, with a rate of 197.1.

Mortality from malignant neoplasms varied according to primary site (as shown in Table 25 and Figure 8). In 1979, the most frequently stated primary site was the respiratory and intrathoracic organs with 2,204 deaths reported and a corresponding rate of 50.3. The digestive organs and peritoneum ranked second with a death rate of 43.9 per 100,000 population. These 2 sites accounted for 4,129 deaths or 53 percent of all the deaths from malignant neoplasms in 1979. For the sites, skin and brain, the white rates were substantially higher than the nonwhite, and for the sites, male

TABLE 25. NUMBER OF DEATHS FROM MALIGNANT NEOPLASMS ACCORDING TO PRIMARY SITE WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1979

Primary Site	*Total* Number	Rate	*White* Number	Rate	*Nonwhite* Number	Rate
Total	7,792	177.9	6,456	174.4	1,336	197.1
Lip, oral cavity and pharynx (140-149)	152	3.5	130	3.5	22	3.2
Digestive organs and peritoneum (150-159)	1,925	43.9	1,557	42.1	368	54.3
Respiratory and intrathoracic organs (160-165)	2,204	50.3	1,859	50.2	345	50.9
Breast (174-175)	575	13.1	475	12.8	100	14.7
Uterus (179-182)	228	5.2	176	4.8	52	7.7
Other female genital organs (183-184)	250	5.7	213	5.8	37	5.5
Male genital organs (185-187)	434	9.9	320	8.6	114	16.8
Urinary organs (188-189)	312	7.1	268	7.2	44	6.5
Skin (172-173)	197	4.5	186	5.0	11	1.6
Brain (191)	232	5.3	213	5.8	19	2.8
Other and unspecified (170, 171, 190, 192-199)	609	13.9	485	13.1	124	18.3
Leukemia (204-208)	279	6.4	237	6.4	42	6.2
Other lymphatic and hematopoietic tissue (200-203)	395	9.0	337	9.1	58	8.6

genital organs and uterus, the nonwhite rates were substantially higher than the white rates.

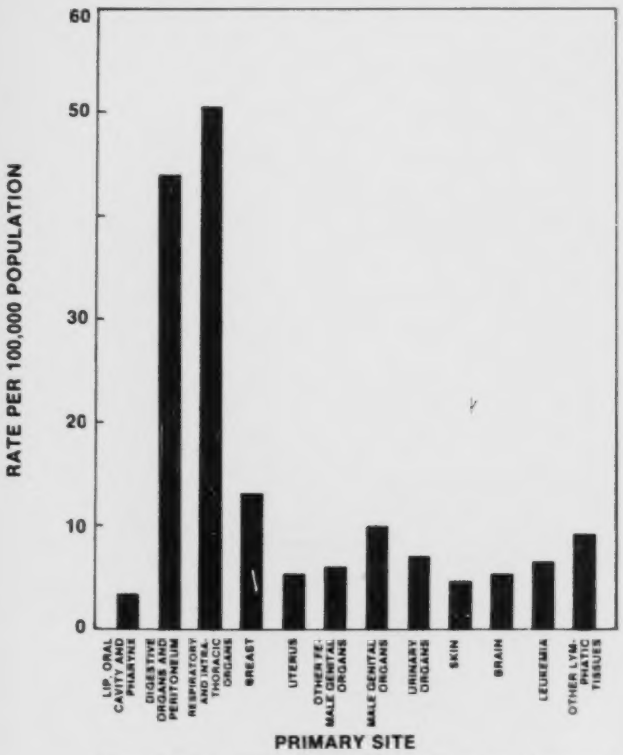

Figure 8. Death Rates per 100,000 Population for Malignant Neoplasms According to Primary Site, Resident Data, Tennessee, 1979

Table 26 gives the death rates from malignant neoplasms by race, sex, and age for 1979. In general, the mortality rates gradually began to increase with those 25-29 years old, reaching a high level in the older age groups. Beginning at the age group 45-54 years, males in both racial groups suffered higher death rates than their female counterparts. For persons under 45 years of age, there was no definite pattern by sex. Death rates for nonwhite males exceeded those for white males in every age group except those 30-34 years; nonwhite females exhibited higher rates than white females for ages 10-14 and 20-74 years.

TABLE 26. DEATH RATES PER 100,000 POPULATION FOR MALIGNANT NEOPLASMS, BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1979

	White		*Nonwhite*	
Age Group	*Male*	*Female*	*Male*	*Female*
All ages	203.4	147.2	249.9	150.0
Under 5 years	3.2	5.0	5.7	2.9
5-9 years	3.5	5.2	5.8	-
10-14 years	4.9	2.2	9.5	6.3
15-19 years	4.8	6.9	8.1	2.7
20-24 years	7.6	4.9	10.8	8.0
25-29 years	10.4	8.8	13.1	9.1
30-34 years	25.6	21.6	15.9	26.4
35-44 years	48.8	54.6	95.5	97.8
45-54 years	210.7	149.9	538.7	212.3
55-64 years	554.6	312.2	954.4	499.6
65-74 years	1,071.3	494.8	1,497.8	650.8
75 years and over	1,582.1	894.5	1,770.1	862.3

Diabetes Mellitus: In 1979, there were 552 deaths of Tennessee residents due to diabetes mellitus, corresponding to a rate of 12.6 per 100,000 population. Of these, 406 were white and 146, nonwhite. The death rate for the nonwhite population was almost twice as high as the rate for the white.

Diseases of Heart: Diseases of heart, the leading cause of death for the State in 1979, accounted for 14,115 deaths, corresponding to a rate of 322.3 per 100,000 population. Of the total number of deaths reported to be due to diseases of heart in 1979, there were 10,729 deaths or 76 percent classified as ischemic heart disease.

Table 27 gives death rates per 100,000 population by race, sex, and age for Tennessee residents who died in 1979 from diseases of heart. Death rates from this cause began increasing gradually in the early adult years for each of the race-sex groups and rose sharply in the middle and older age groups. For persons between the ages of 15 and 74 years, the nonwhite population experienced higher death rates for both males and females than their white counterparts.

TABLE 27. DEATH RATES PER 100,000 POPULATION FOR DISEASES OF HEART, BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1979

	White		*Nonwhite*	
Age Group	*Male*	*Female*	*Male*	*Female*
All ages	376.1	266.7	379.8	298.6
Under 5 years	8.0	2.5	11.3	14.7
5-9 years	-	-	-	-
10-14 years	0.7	2.2	3.2	-
15-19 years	2.4	1.2	8.1	2.7
20-24 years	5.3	1.8	5.4	5.3
25-29 years	7.4	2.5	22.9	15.2
30-34 years	15.1	5.6	37.1	17.6
35-44 years	78.6	16.9	198.9	67.3
45-54 years	314.0	78.4	547.7	231.9
55-64 years	808.6	231.8	1,226.3	628.3
65-74 years	1,831.7	713.6	2,162.1	1,417.2
75 years and over	4,378.1	3,285.6	3,838.4	2,837.7

Death rates for diseases of heart for 1979 were higher for males than females in each racial group for all ages combined. In the white population, the rate for males exceeded that for females by 41 percent, while the excess in mortality for nonwhite males over females was 27 percent.

Cerebrovascular Disease: In 1979, deaths from cerebrovascular disease, the third principal cause of death, numbered 4,213, corresponding to a rate of 96.2 per 100,000 population. Among the white population, deaths from this cause numbered 3,389 with a rate of 91.5; among the nonwhite, there were 824 deaths with a rate of 121.5.

Atherosclerosis: Atherosclerosis was the seventh principal cause of death in 1979 with 642 deaths and a rate of 14.7 per 100,000 population. The death rates for females were higher than those for males in each racial group for atherosclerosis. In the white population, the rate for females exceeded that for males by 61 percent, while the excess in mortality for nonwhite females over nonwhite males was 17 percent.

Pneumonia and Influenza: The sixth principal cause of death, pneumonia and influenza, was the cause of 908 deaths of Tennessee residents in 1979, corresponding to a rate of 20.7 per 100,000

population. Deaths from this cause accounted for 796 deaths in the white population, while 112 deaths were reported in the nonwhite.

Pneumonia was responsible for 99 percent of all deaths attributed to pneumonia and influenza. Of the 897 deaths from pneumonia, 216 were stated to be due to bronchopneumonia, organism unspecified; 84, to bacterial pneumonia; 14, to viral pneumonia; and 583, to other and unspecified pneumonia.

Chronic Obstructive Pulmonary Disease and Allied Conditions: Chronic obstructive pulmonary disease and allied conditions, which ranked as the fifth principal cause of death in 1979, accounted for 1,052 deaths, giving a death rate of 24.0 per 100,000 population. For the white population, the death rate was 25.5 for this cause; among the nonwhite population, the death rate (15.9) was much lower than among the white population. In both the white and the nonwhite populations, the rate for the males was more than three times that for their female counterparts.

Of the 1,052 deaths from this group of causes, 667 were assigned to chronic airways obstruction, not elsewhere classified; 240, to emphysema; 84, to bronchitis; 45, to asthma; and 16, to bronchiectasis.

Chronic Liver Disease and Cirrhosis: In 1979, there were 431 deaths from chronic liver disease and cirrhosis and a rate of 9.8 per 100,000 population. Of these, 342 were of white persons, corresponding to a rate of 9.2, and 89 were of nonwhites with a rate of 13.1. The nonwhite rate was 42 percent higher than the white rate for chronic liver disease and cirrhosis.

Accidents and Adverse Effects: Accidents and adverse effects, the fourth principal cause of death, accounted for 2,350 deaths of Tennessee residents during 1979, corresponding to a rate of 53.7 per 100,000 population. Death rates by race, sex, and age for 1979 are given in Table 28.

For all ages combined, the death rate for males was more than two and one-half times that for females in both the white and the nonwhite population. The excess mortality in males over females was observed in every age group for both races except for nonwhites under 5 years of age. The increased mortality from accidents among young white persons, particularly males, 15-24 years of age is associated with the high incidence of motor vehicle accidents.

TABLE 28. DEATH RATES PER 100,000 POPULATION FOR ACCIDENTS AND ADVERSE EFFECTS, BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1979

Age Group	White		Nonwhite	
	Male	Female	Male	Female
All ages	80.2	29.9	78.0	26.2
Under 5 years	40.0	26.1	17.0	35.3
5-9 years	19.8	6.7	38.0	15.1
10-14 years	27.8	9.5	31.8	3.2
15-19 years	109.8	35.0	54.1	26.9
20-24 years	131.5	32.9	48.7	10.6
25-29 years	87.3	24.0	81.8	21.2
30-34 years	79.1	20.2	111.2	17.6
35-44 years	67.9	18.2	111.4	15.3
45-54 years	73.7	20.5	104.1	13.1
55-64 years	85.1	22.5	163.2	22.7
65-74 years	106.2	33.7	134.0	55.7
75 years and over	194.9	158.2	279.0	140.7

Comparison of mortality from accidents and adverse effects by race indicates that the death rate for white males, all ages combined, was 3 percent higher than the comparable rate for nonwhite males. The death rate for white females was 14 percent higher than the rate for nonwhite females. For males, the only ages at which death rates for the white population exceeded those for the nonwhite were under 5 years and 15 to 29 years. Death rates for white females exceeded those for nonwhite females in every age group except the groups under 10 years and 55-74 years.

Data on mortality from accidents and adverse effects according to type of accident in 1979 are given in Table 29. Motor vehicle accidents accounted for 1,268 deaths. The next 3 most frequently reported types of fatal accidents were: falls, 275; fire and flames, 133; and drowning and submersion, 106.

TABLE 29. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1979

Type of Accident	Deaths	
	Number	Rate
Total	2,350	53.7
Motor vehicle (E810-E825)	1,268	28.9
Water transportation (E830-E838)	34	0.8
Air and space transportation (E840-E845)	20	0.5
Other transport (E800-E807, E826-E829, E846-E848)	14	0.3
Poisoning by drugs, medicaments, and biologicals (E850-E858)	44	1.0
Poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	40	0.9
Falls (E880-E888)	275	6.3
Fire and flames (E890-E899)	133	3.0
Natural and environmental factors (E900-E909)	41	0.9
Drowning and submersion (E910)	106	2.4
Suffocation by food or other objects (E911-E912)	80	1.8
Mechanical suffocation (E913)	16	0.4
Struck by falling object (E916)	37	0.8
Machinery (E919)	53	1.2
Firearm missile (E922)	55	1.3
Electric current (E925)	30	0.7
Other (E870-E876, E878-E879, E914-E915, E917-E918, E920-E921, E923-E924, E926-E949)	104	2.4

In Table 30, the distribution of accidental deaths is shown according to class of accident. Motor vehicles accounted for 54.0 percent of all accidental deaths; home accidents, 17.9 percent; other public, 14.3 percent; occupational, 3.9 percent; and unspecified accidents, 10.0 percent. In addition to the 92 deaths from occupational accidents, there were 54 deaths from accidents which were classified as motor vehicle or other transportation that occurred during the course of gainful employment. Thus, the total number of occupational accidental deaths was 146.

TABLE 30. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS BY CLASS OF ACCIDENT WITH PERCENTAGES, RESIDENT DATA, TENNESSEE, 1979

Class of Accident	Number	Percent
Total	2,350	100.0
Home	420	17.9
Motor vehicle	1,268	54.0
Occupational	92	3.9
Other public	335	14.3
Unspecified	235	10.0

Death rates for each class of accident by age are given in Table 31 and Figure 9. The risk of a fatal home accident was comparatively great for children under 5 years of age and for persons 65 years of age and over. Death rates for motor vehicle accidents were highest for young persons 15-24 years of age.

TABLE 31. DEATH RATES PER 100,000 POPULATION FOR ACCIDENTS AND ADVERSE EFFECTS ACCORDING TO CLASS OF ACCIDENT, BY AGE, RESIDENT DATA, TENNESSEE, 1979

Age Group	*Home*	*Motor Vehicle*	*Occupational*	*Other Public*
All ages	9.6	28.9	2.1	7.6
Under 5 years	12.8	13.4	-	1.0
5-9 years	3.2	10.2	-	2.3
10-14 years	2.0	11.6	-	4.6
15-19 years	5.5	52.3	1.5	6.5
20-24 years	6.8	52.6	2.4	8.1
25-29 years	6.2	35.3	3.6	7.0
30-34 years	2.8	34.9	2.2	6.6
35-44 years	5.2	24.9	3.6	5.8
45-54 years	6.7	24.4	3.0	6.7
55-64 years	10.6	25.7	3.8	8.2
65-74 years	17.5	25.3	1.9	13.3
75 years and over	67.7	31.7	0.5	35.5

Home Accidents: Data regarding deaths from home accidents by type and race are given in Table 32 and are shown by selected types for both races combined in Figure 10. Home accidents accounted for 420 deaths of Tennessee residents in 1979 with a corresponding death rate of 9.6 per 100,000 population. Of these, 351 deaths were of white persons and 69 were of nonwhite, with death rates of 9.5 and 10.2, respectively. The risk of mortality due to home accidents was 7 percent greater for the nonwhite population than the white population. The most frequently reported type of home accident was falls with 154 deaths; fire and flames ranked second with 123 deaths. Together, these two types of accidents accounted for 66 percent of all home accidents.

TABLE 32. NUMBER OF DEATHS FROM HOME ACCIDENTS ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1979

Type of Accident	*Total*		*White*		*Nonwhite*	
	Number	*Rate*	*Number*	*Rate*	*Number*	*Rate*
Total	420	9.6	351	9.5	69	10.2
Poisoning	36	0.8	28	0.8	8	1.2
Falls	154	3.5	143	3.9	11	1.6
Fire and flames	123	2.8	89	2.4	34	5.0
Drowning	12	0.3	10	0.3	2	0.3
Suffocation by food and other object	16	0.4	14	0.4	2	0.3
Suffocation, mechanical	7	0.2	5	0.1	2	0.3
Firearm missile	33	0.8	29	0.8	4	0.6
Other	39	0.9	33	0.9	6	0.9

Differences in the risk of mortality between the white and nonwhite populations varied according to type of home accident. Death rates for the nonwhite population were higher than for the white for poisoning, fire and flames, and mechanical suffocation.

Motor Vehicle Accidents: Data on mortality from motor vehicle accidents in 1979 according to type of accident are given in Table 33. There were 1,268 deaths of Tennessee residents from such accidents, or 28.9 per 100,000 population.

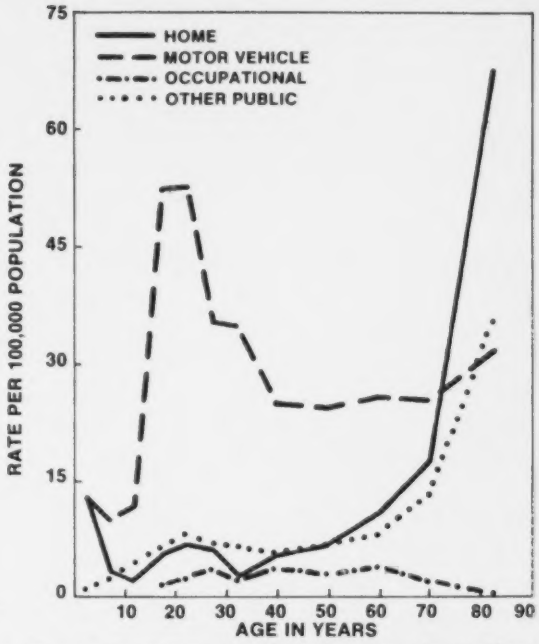

Figure 9. Death Rates per 100,000 Population for Accidents and Adverse Effects, According to Class of Accident, by Age, Resident Data, Tennessee, 1979

Most of the fatalities occurred on public highways and rights-of-way. In 537 or 42.4 percent of the total deaths, there was a collision with another motor vehicle, and in an additional 12.0 percent (152 deaths), there was a collision with a pedestrian. Deaths resulting from noncollision accidents on public highways accounted for 344 or 27.1 percent, and the majority of these were due to loss of control of the vehicle.

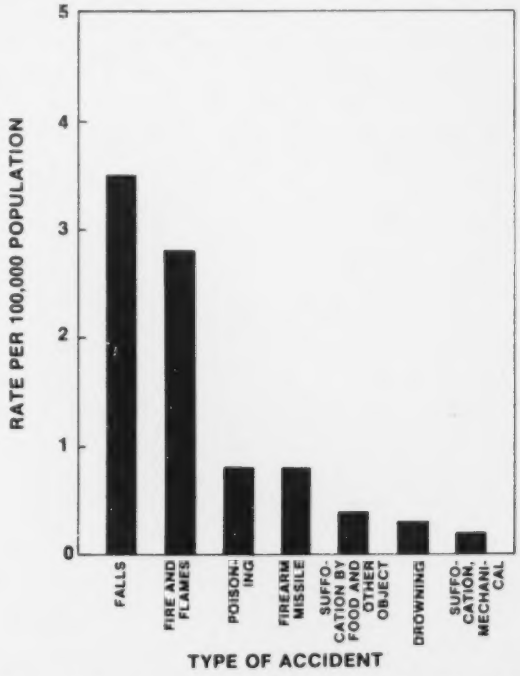

Figure 10. Death Rates per 100,000 Population for Selected Types of Home Accidents, Resident Data, Tennessee, 1979

TABLE 33. NUMBER OF DEATHS FROM MOTOR VEHICLE ACCIDENTS BY TYPE OF ACCIDENT WITH PERCENTAGES, RESIDENT DATA, TENNESSEE, 1979

Type of Accident	*Number*	*Percent*
Total	1,268	100.0
On public highway and its right-of-way	1,239	97.7
Collision of motor vehicle with		
Train (E810)	25	2.0
Another motor vehicle (E811-E812)	537	42.4
Other vehicle (E813)	16	1.3
Pedestrian (E814)	152	12.0
Other object (E815)	119	9.4
Noncollision		
Loss of control (E816)	336	26.5
Other (E817, E818)	8	0.6
Unspecified (E819)	46	3.6
On private driveway, industrial premise, road on farm, mine, etc.	29	2.3
Collision of motor vehicle with		
Moving object (E822)	11	0.9
Stationary object (E823)	1	0.1
Other and unspecified (E820-E821, E824-E825)	17	1.3

Suicide: There were 607 deaths of Tennessee residents stated to be by suicide in 1979, with a rate of 13.9 per 100,000 population. The death rate of 15.3 for the white population was almost two and one-half times that of 6.2 for the nonwhite. Also the death rate (20.9) from suicide for males was almost three times the comparable rate (7.3) for females in 1979.

Homicide and Legal Intervention: In 1979, there were 474 deaths by homicide and legal intervention with a rate of 10.8 per 100,000 population. The nonwhite rate of 33.9 was over five times higher than the white rate of 6.6. Mortality from homicide and legal intervention varied by urban character of county and race. Among the white population, the highest risk was experienced in the metropolitan counties. The death rate from this cause for the nonwhite population was highest in the metropolitan counties and lowest in the rural counties. The nonwhite population experienced a greater relative differential by type of county than the white.

Marriages: In 1979, the 34th year for which data for marriages have been analyzed and included in the Vital Statistics Bulletin, 59,152 marriages were recorded in Tennessee. This is the largest number of marriages recorded since records were first kept in 1946. The 59,152 recorded marriages in 1979 represented a 3 percent increase over the 57,524 marriages recorded in 1978. Since 1970, there were decreases in the number of recorded marriages in only two years, 1974 and 1975.

TABLE 34. NUMBER OF MARRIAGES RECORDED AND PERSONS MARRIED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1970-1979

Year	*Marriages Recorded*	*Persons Married Number*	*Rate*
1970	45,357	90,714	23.1
1971	50,305	100,610	25.2
1972	56,164	112,328	27.9
1973	56,285	112,570	27.5
1974	54,609	109,218	26.5
1975	51,528	103,056	24.6
1976	53,273	106,546	25.3
1977	55,326	110,652	25.7
1978	57,524	115,048	26.4
1979	59,152	118,304	27.0

The marked increase in marriages between 1970 and 1973 may have been partly due to lowering the minimum age of brides from 21 years to 18 years. The minimum age for grooms was already 18 years and was unchanged.

In 1979, there were 118,304 persons married in Tennessee, corresponding to a rate of 27.0 per 1,000 population (Table 34). Of the 118,304 persons married in Tennessee, 95,450 or 81 percent were residents of the State, resulting in a rate of 21.8 per 1,000 population for Tennesseans married in Tennessee. This rate was higher than the rate of 21.1 obtained in 1978.

The general trend of the marriage rate for the period 1950-1972 was upward. In the years 1973 to 1975, the marriage rate decreased by percentages of 1, 4, and 7, respectively. Since 1975, the marriage rate has increased; the amount of these increases has varied between 2 and 3 percent each year.

The average number of marriages recorded per day in Tennessee during 1979 was 162 (Table 35). There was variation in the average number of marriages per day according to month, with the highest average (241) recorded in June, followed by August (195), and with the lowest average (107) in January.

TABLE 35. NUMBER OF MARRIAGES BY MONTH WITH AVERAGE PER DAY, RECORDED DATA, TENNESSEE, 1979

Month	*Number*	*Average per day*	*Month*	*Number*	*Average per day*
Total	59,152	162.1	June	7,244	241.5
			July	5,245	169.2
January	3,323	107.2	August	6,032	194.6
February	3,497	124.9	September	5,103	170.1
March	4,612	148.8	October	4,554	146.9
April	4,590	153.0	November	4,807	160.2
May	4,746	153.1	December	5,399	174.2

In 1979, the most frequently stated age at marriage was 18 years for the bride and 21 years for the groom.

Data regarding the previous marital status of the bride and groom are shown in Table 36. In 46 percent of the marriages, both the bride and the groom were marrying for the first time; in 32 percent of the marriages, both the bride and the groom had been previously married.

Table XII presents data regarding marriages by place of marriage and by residence of the bride and groom. There were 7 counties with recorded rates of 50 or more persons married per 1,000 population, and 5 of these counties had rates in excess of 100. The rates for residents of these seven counties who married in Tennessee varied between 15.7 and 31.4 per 1,000 population. Six of the seven counties are on or near the Kentucky border. Five of the seven counties are in Middle Tennessee, and two are in East Tennessee.

Divorces: In 1979, the 34th consecutive year for which data for divorces have been analyzed and included in the Vital Statistics Bulletin, 29,792 divorces were recorded in Tennessee. This was the largest number of divorces recorded since records were first kept in 1946. There were 59,584 persons granted divorces in 1979, giving a

TABLE 36. NUMBER OF MARRIAGES ACCORDING TO PREVIOUS MARITAL STATUS OF BRIDE AND GROOM, RECORDED DATA, TENNESSEE, 1979

		Bride			
Groom	*Total*	*Single*	*Widowed*	*Divorced*	*Unknown*
Total	59,152	33,703	3,021	21,938	490
Single	33,292	27,078	354	5,720	140
Widowed	2,285	217	1,187	874	7
Divorced	23,216	6,349	1,475	15,314	78
Unknown	359	59	5	30	265

divorce rate of 13.6 divorced persons per 1,000 population. During the 10 years, 1970-1979, the divorce rate showed a sharp upward trend from a level of 8.5 to a level of 13.6 divorced persons per 1,000 population (see Table 37). The rate (13.6) in 1979 established a new record high level, a 4 percent increase over the previous record high rate of 13.1 obtained in 1978.

Many factors need to be considered in the interpretation of these divorce statistics. The number of divorces that occurs in a calendar year cannot be related to marriages that occur in the same time period. The marriages that end in divorce may have occurred at various times in various states. Table XII shows divorces recorded in Tennessee in 1979 by the county where the decree was granted. No analysis was done according to residence of the parties due to incompleteness of residence data on certificates.

Four percent (1,279) of the 29,792 divorces were obtained within the first year of marriage, and 49 percent (14,678) were granted to couples who were married 5 years or less. Divorces were granted to 2,833 couples (10 percent) who had been married 20 years or more.

Forty-eight percent (14,288) of the divorces involved no minor children; for another 27 percent (7,952) of the divorces, only 1 minor child was involved.

TABLE 37. NUMBER OF DIVORCES RECORDED AND PERSONS DIVORCED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1970-1979

	Divorces	*Persons Divorced*	
Year	*Recorded*	*Number*	*Rate*
1970	16,613	33,226	8.5
1971	17,376	34,752	8.7
1972	20,601	41,202	10.2
1973	22,072	44,144	10.8
1974	23,734	47,468	11.5
1975	24,701	49,402	11.8
1976	27,084	54,168	12.9
1977	27,502	55,004	12.8
1978	28,474	56,948	13.1
1979	29,792	59,584	13.6

TABLE I—POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS, AND INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RECORDED AND RESIDENT DATA, TENNESSEE, 1960-1979

YEAR	ESTIMATED MID-YEAR POPULATION			LIVE BIRTHS						DEATHS					
				TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	TOTAL	WHITE	NONWHITE	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
RECORDED															
1960	3,575,999	2,985,654	590,345	83,526	23.4	65,129	21.8	18,397	31.2	34,399	9.6	27,094	9.1	7,305	12.4
1961	3,611,660	3,017,272	594,388	83,689	23.2	65,360	21.7	18,329	30.8	34,012	9.4	26,881	8.9	7,131	12.0
1962	3,647,324	3,048,891	598,433	82,868	22.7	64,751	21.2	18,117	30.3	35,566	9.8	28,135	9.2	7,431	12.4
1963	3,682,982	3,080,512	602,470	81,391	22.1	63,675	20.7	17,716	29.4	37,241	10.1	29,491	9.6	7,750	12.9
1964	3,718,644	3,112,124	606,520	82,224	22.1	64,386	20.7	17,837	29.4	36,614	9.8	29,089	9.3	7,525	12.4
1965	3,754,301	3,143,747	610,554	75,610	20.1	58,682	18.7	16,928	27.7	36,853	9.8	29,573	9.4	7,280	11.9
1966	3,789,961	3,175,364	614,597	71,919	19.0	56,355	17.7	15,564	25.3	38,028	10.0	30,398	9.6	7,630	12.4
1967	3,825,626	3,206,983	618,643	70,694	18.5	55,371	17.3	15,233	24.6	37,702	9.9	30,400	9.5	7,302	11.8
1968	3,861,282	3,238,596	622,686	69,921	18.1	55,082	17.0	14,838	23.8	39,321	10.2	31,366	9.7	7,954	12.8
1969	3,896,939	3,270,216	626,723	73,156	18.8	57,678	17.6	15,478	24.7	39,925	10.2	32,113	9.8	7,812	12.5
1970	3,932,000	3,300,914	631,086	75,708	19.3	59,349	18.0	16,359	25.9	40,236	10.2	32,581	9.9	7,654	12.1
1971	3,990,000	3,349,611	640,389	74,948	18.8	58,700	17.5	16,247	25.4	40,054	10.0	32,473	9.7	7,581	11.8
1972	4,031,300	3,389,500	641,500	69,473	17.2	54,125	16.0	15,346	23.9	41,614	10.3	33,905	10.0	7,709	12.0
1973	4,095,600	3,447,700	647,300	67,789	16.6	52,463	15.2	15,323	23.7	42,230	10.3	34,323	10.0	7,902	12.2
1974	4,129,000	3,479,500	649,500	67,882	16.4	52,763	15.2	15,119	23.3	41,813	10.1	34,168	9.8	7,643	11.8
1975	4,188,000	3,528,900	659,100	65,752	15.7	50,856	14.4	14,895	22.6	40,967	9.8	33,521	9.5	7,445	11.3
1976	4,214,000	3,553,400	660,600	65,644	15.6	50,916	14.3	14,725	22.3	41,319	9.8	34,065	9.6	7,252	11.0
1977	4,299,000	3,627,600	671,400	69,983	16.3	54,421	15.0	15,561	23.2	41,492	9.7	34,170	9.4	7,322	10.9
1978	4,357,000	3,681,400	675,600	70,202	16.1	53,861	14.6	16,333	24.2	41,106	9.4	34,026	9.2	7,080	10.5
1979	4,380,000	3,702,000	678,000	72,127	16.5	55,121	14.9	17,006	25.1	41,067	9.4	33,845	9.1	7,222	10.7
RESIDENT															
1960				81,892	22.9	63,551	21.3	18,341	31.1	32,892	9.2	25,849	8.7	7,043	11.9
1961				82,067	22.7	63,830	21.2	18,236	30.7	32,625	9.0	25,744	8.5	6,880	11.6
1962				80,893	22.2	62,945	20.6	17,948	30.0	34,025	9.3	26,852	8.8	7,173	12.0
1963				79,715	21.6	62,145	20.2	17,570	29.2	35,633	9.7	28,223	9.2	7,410	12.3
1964				80,100	21.5	62,526	20.1	17,572	29.0	34,815	9.4	27,597	8.9	7,218	11.9
1965				72,990	19.4	56,380	17.9	16,610	27.2	35,049	9.3	28,116	8.9	6,933	11.4
1966				68,871	18.2	53,769	16.9	15,102	24.6	36,108	9.5	28,273	9.1	7,235	11.8
1967				67,740	17.7	52,991	16.5	14,749	23.8	35,736	9.3	28,843	9.0	6,893	11.1
1968				67,029	17.4	52,779	16.3	14,249	22.9	37,373	9.7	29,827	9.2	7,545	12.1
1969				69,921	17.9	55,133	16.9	14,788	23.6	37,832	9.7	30,441	9.3	7,391	11.8
1970				72,273	18.4	56,777	17.2	15,493	24.5	38,079	9.7	30,878	9.4	7,200	11.4
1971				71,202	17.8	56,075	16.7	15,125	23.6	37,783	9.5	30,671	9.2	7,112	11.1
1972				65,802	16.3	51,609	15.2	14,191	22.1	39,345	9.8	32,039	9.5	7,306	11.4
1973				64,303	15.7	50,113	14.5	14,187	21.9	39,724	9.7	32,319	9.4	7,394	11.4
1974				64,154	15.5	50,201	14.4	13,952	21.5	39,376	9.5	32,214	9.3	7,158	11.0
1975				62,265	14.9	48,453	13.7	13,808	20.9	38,522	9.2	31,504	8.9	7,013	10.6
1976				62,514	14.8	48,750	13.7	13,760	20.8	38,938	9.2	32,086	9.0	6,847	10.4
1977				66,632	15.5	52,110	14.4	14,521	21.6	39,080	9.1	32,110	8.9	6,970	10.4
1978				66,466	15.3	51,183	13.9	15,275	22.6	38,654	8.9	31,964	8.7	6,690	9.9
1979				68,326	15.6	52,303	14.1	16,021	23.6	38,712	8.8	31,837	8.6	6,875	10.1

YEAR	FETAL DEATHS						INFANT DEATHS						NEONATAL DEATHS					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Ratio	No.	Ratio	No.	Ratio	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
RECORDED																		
1960	1,448	17.3	961	14.8	486	26.4	2,531	30.3	1,725	26.5	806	43.8	1,743	20.9	1,260	19.3	483	26.3
1961	1,443	17.2	958	14.7	485	26.5	2,518	30.1	1,722	26.3	796	43.4	1,733	20.7	1,253	19.2	480	26.2
1962	1,484	17.9	966	14.9	517	28.5	2,464	29.7	1,668	25.8	796	43.9	1,710	20.6	1,202	18.6	508	28.0
1963	1,436	17.6	903	14.2	532	30.0	2,381	29.3	1,566	24.6	815	46.0	1,639	20.1	1,153	18.1	486	27.4
1964	1,402	17.1	914	14.2	487	27.3	2,425	29.5	1,666	25.9	759	42.6	1,675	20.4	1,175	18.2	500	28.0
1965	1,359	18.0	819	14.0	539	31.8	2,160	28.6	1,423	24.2	737	43.5	1,514	20.0	1,048	17.9	466	27.5
1966	1,262	17.5	865	15.3	395	25.4	1,964	27.3	1,288	22.9	676	43.4	1,368	19.0	935	16.6	433	27.8
1967	1,153	16.3	762	13.8	391	25.7	1,815	25.7	1,219	22.0	596	39.1	1,288	18.2	904	16.3	384	25.2
1968	1,243	17.8	807	14.7	431	29.0	1,686	24.1	1,129	20.5	556	37.5	1,205	17.2	848	15.4	357	24.1
1969	1,180	16.1	758	13.1	421	27.2	1,661	22.7	1,112	19.3	549	35.5	1,216	16.6	829	14.4	387	25.0
1970	1,202	15.9	801	13.5	401	24.5	1,650	21.8	1,140	19.2	510	31.2	1,260	16.6	900	15.2	360	22.0
1971	1,092	14.6	727	12.4	357	22.0	1,615	21.5	1,145	19.5	470	28.9	1,211	16.2	871	14.8	340	20.9
1972	981	14.1	665	12.3	314	20.5	1,536	22.1	1,033	19.1	503	32.8	1,140	16.4	773	14.3	367	23.9
1973	962	14.2	669	12.8	292	19.1	1,476	21.8	1,010	19.3	465	30.3	1,086	16.0	760	14.5	325	21.2
1974	932	13.7	642	12.2	286	18.9	1,253	18.5	845	16.0	408	27.0	936	13.8	635	12.0	301	19.9
1975	816	12.4	531	10.4	284	19.1	1,177	17.9	802	15.8	375	25.2	861	13.1	587	11.5	274	18.4
1976	814	12.4	551	10.8	263	17.9	1,136	17.3	759	14.9	377	25.6	825	12.6	557	10.9	268	18.2
1977	860	12.3	607	11.2	252	16.2	1,183	16.9	803	14.8	380	24.4	842	12.0	574	10.5	268	17.2
1978	++755	10.8	504	9.4	251	15.4	1,126	16.0	763	14.2	363	22.2	816	11.6	546	10.1	270	16.5
1979	++691	9.6	467	8.5	217	12.8	1,091	15.1	719	13.0	372	21.9	746	10.3	491	8.9	255	15.0
RESIDENT																		
1960	1,391	17.0	923	14.5	467	25.5	2,399	29.3	1,610	25.3	789	43.0	1,651	20.2	1,180	18.6	471	25.7
1961	1,382	16.8	920	14.4	462	25.3	2,372	28.9	1,607	25.2	765	41.9	1,636	19.9	1,174	18.4	462	25.3
1962	1,428	17.7	929	14.8	498	27.7	2,297	28.4	1,543	24.5	754	42.0	1,600	19.8	1,121	17.8	479	26.7
1963	1,382	17.3	884	14.2	497	28.3	2,224	27.9	1,459	23.5	765	43.5	1,545	19.4	1,084	17.4	461	26.2
1964	1,333	16.6	886	14.2	446	25.4	2,255	28.2	1,547	24.7	708	40.3	1,569	19.6	1,098	17.6	471	26.8
1965	1,296	17.8	799	14.2	496	29.9	2,024	27.7	1,327	23.5	697	42.0	1,409	19.3	970	17.2	439	26.4
1966	1,193	17.3	826	15.4	364	24.1	1,790	26.0	1,186	22.1	604	40.0	1,243	18.0	854	15.9	389	25.8
1967	1,083	16.0	728	13.7	355	24.1	1,649	24.3	1,107	20.9	542	36.7	1,176	17.4	825	15.6	351	23.8
1968	1,151	17.2	769	14.6	377	26.5	*1,549	23.1	1,039	19.7	509	35.7	1,117	16.7	787	14.9	330	23.2
1969	1,109	15.9	716	13.0	391	26.4	1,529	21.9	1,031	18.7	498	33.7	1,126	16.1	770	14.0	356	24.1
1970	1,117	15.5	765	13.5	352	22.7	1,540	21.3	1,061	18.7	479	30.9	1,173	16.2	839	14.8	334	21.6
1971	1,019	14.3	698	12.4	314	20.8	1,469	20.6	1,054	18.8	415	27.4	1,092	15.3	791	14.1	301	19.9
1972	902	13.7	632	12.2	268	18.9	1,384	21.0	925	17.9	459	32.3	1,021	15.5	687	13.3	334	23.5
1973	910	14.2	641	12.8	268	18.9	1,303	20.3	898	17.9	404	28.5	*956	14.9	670	13.4	285	20.1
1974	887	13.8	618	12.3	265	19.0	1,110	17.3	756	15.1	354	25.4	828	12.9	570	11.4	258	18.5
1975	*759	12.2	503	10.4	254	18.4	1,004	16.1	672	13.9	332	24.0	729	11.7	485	10.0	244	17.7
1976	756	12.1	515	10.6	241	17.5	1,007	16.1	674	13.8	333	24.2	724	11.6	491	10.1	233	16.9
1977	792	11.9	561	10.8	230	15.8	1,022	15.3	691	13.3	331	22.8	719	10.8	487	9.3	232	16.0
1978	++695	10.5	463	9.0	232	15.2	981	14.8	664	13.0	317	20.8	691	10.4	461	9.0	230	15.1
1979	++632	9.2	428	8.2	196	12.2	925	13.5	600	11.5	325	20.3	620	9.1	397	7.6	223	13.9

* Includes items with race not stated.

++ For changes in requirement for recording fetal deaths in Tennessee in 1978 and 1979, see page 7 item 3.

TABLE II—DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1960-1979§

YEAR	SHIGELLOSIS AND AMEBIASIS						TUBERCULOSIS, ALL FORMS						TUBERCULOSIS OF RESPIRATORY SYSTEM					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	13	0.4	9	0.3	4	0.7	357	10.0	276	9.2	81	13.7	335	9.4	260	8.7	75	12.7
1961	6	0.2	3	0.1	3	0.5	291	8.1	218	7.2	73	12.3	263	7.3	198	6.6	65	10.9
1962	7	0.2	3	0.1	4	0.7	298	8.0	224	7.3	66	11.0	265	7.3	209	6.9	56	9.4
1963	11	0.3	4	0.1	7	1.2	278	7.5	214	6.9	64	10.6	260	7.1	202	6.6	58	9.6
1964	10	0.3	4	0.1	6	1.0	247	6.6	190	6.1	57	9.4	226	6.1	179	5.8	47	7.7
1965	2	0.1	1	0.0	1	0.2	235	6.3	183	5.8	52	8.5	217	5.8	173	5.5	44	7.2
1966	2	0.1			2	0.3	223	5.9	176	5.5	47	7.6	195	5.1	159	5.0	36	5.9
1967	3	0.1			3	0.5	185	4.8	136	4.2	49	7.9	174	4.5	129	4.0	45	7.3
1968	4	0.1			4	0.6	153	4.0	105	3.2	48	7.7	140	3.6	100	3.1	40	6.4
1969	1	0.0	1	0.0			145	3.7	117	3.6	28	4.5	130	3.3	108	3.3	22	3.5
1970	1	0.0	1	0.0			121	3.1	86	2.6	35	5.5	103	2.6	74	2.2	29	4.6
1971	2	0.1	2	0.1			125	3.1	88	2.6	37	5.8	106	2.7	78	2.3	28	4.4
1972	2	0.0	1	0.0	1	0.2	121	3.0	88	2.6	33	5.1	108	2.7	79	2.3	29	4.5
1973	2	0.0			2	0.3	99	2.4	72	2.1	27	4.2	93	2.3	69	2.0	24	3.7
1974							97	2.3	72	2.1	25	3.8	85	2.1	65	1.9	20	3.1
1975							103	2.5	80	2.3	23	3.5	90	2.1	74	2.1	16	2.4
1976	1	0.0			1	0.2	93	2.2	79	2.2	14	2.1	87	2.1	77	2.2	10	1.5
1977							113	2.6	90	2.5	23	3.4	103	2.4	86	2.4	17	2.5
1978	2	0.0	1	0.0	1	0.1	68	1.6	52	1.4	16	2.4	61	1.4	47	1.3	14	2.1
1979	1	0.0			1	0.1	63	1.4	48	1.3	15	2.2	51	1.2	40	1.1	11	1.6

YEAR	WHOOPING COUGH						STREPTOCOCCAL SORE THROAT, SCARLATINA, AND ERYSIPELAS						MENINGOCOCCAL INFECTION					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	2	0.1	2	0.1			2	0.1	2	0.1			20	0.6	17	0.6	3	0.5
1961	2	0.1	2	0.1			11	0.3	9	0.3	2	0.3	16	0.4	15	0.5	1	0.2
1962	1	0.0	1	0.0			9	0.2	8	0.3	1	0.2	12	0.3	10	0.3	2	0.3
1963	1	0.0	1	0.0			6	0.2	3	0.1	3	0.5	27	0.7	19	0.6	8	1.3
1964	1	0.0	1	0.0			5	0.1	5	0.2			25	0.7	22	0.7	3	0.5
1965	1	0.0	1	0.0			3	0.1	2	0.1	1	0.2	28	0.7	24	0.8	4	0.7
1966	1	0.0	1	0.0			4	0.1	3	0.1	1	0.2	19	0.5	12	0.4	7	1.1
1967							1	0.0			1	0.2	28	0.7	22	0.7	6	1.0
1968													22	0.6	16	0.5	6	1.0
1969							1	0.0			1	0.2	17	0.4	9	0.3	8	1.3
1970							1	0.0	1	0.0			20	0.5	18	0.5	2	0.3
1971							2	0.1	1	0.0	1	0.2	12	0.3	10	0.3	2	0.3
1972													5	0.1	4	0.1	1	0.2
1973							2	0.0	1	0.0	1	0.2	7	0.2	4	0.1	3	0.5
1974							2	0.0	1	0.0	1	0.2	12	0.3	9	0.3	3	0.5
1975							2	0.0	2	0.1			7	0.2	5	0.1	2	0.3
1976													11	0.3	10	0.3	1	0.2
1977							1	0.0	1	0.0			9	0.2	6	0.2	3	0.4
1978													12	0.3	11	0.3	1	0.1
1979							1	0.0	1	0.0			10	0.2	10	0.3		

YEAR	VIRAL ENCEPHALITIS						MEASLES						VIRAL HEPATITIS					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	12	0.3	9	0.3	3	0.5	14	0.4	10	0.3	4	0.7	23	0.6	19	0.6	4	0.7
1961	4	0.1	2	0.1	2	0.3	9	0.2	6	0.2	3	0.5	23	0.6	18	0.6	5	0.8
1962	13	0.4	10	0.3	3	0.5	17	0.5	14	0.5	3	0.5	29	0.8	23	0.8	6	1.0
1963	9	0.2	7	0.2	2	0.3	7	0.2	5	0.2	2	0.3	28	0.8	21	0.7	7	1.2
1964	6	0.2	5	0.2	1	0.2	18	0.5	11	0.4	7	1.2	15	0.4	11	0.4	4	0.7
1965	8	0.2	6	0.2	2	0.3	5	0.1	5	0.2			15	0.4	15	0.5		
1966	11	0.3	10	0.3	1	0.2	10	0.3	7	0.2	3	0.5	23	0.6	18	0.6	5	0.8
1967	12	0.3	11	0.3	1	0.2							23	0.6	19	0.6	4	0.6
1968	9	0.2	7	0.2	2	0.3	1	0.0	1	0.0			32	0.8	23	0.7	9	1.4
1969	19	0.5	17	0.5	2	0.3							37	0.9	26	0.8	11	1.8
1970	5	0.1	4	0.1	1	0.2	3	0.1	3	0.1			38	1.0	31	0.9	7	1.1
1971	6	0.2	4	0.1	2	0.3	2	0.1	1	0.0	1	0.2	28	0.7	20	0.6	8	1.2
1972	5	0.1	2	0.1	3	0.5	1	0.0	1	0.0			27	0.7	22	0.6	5	0.8
1973	6	0.1	5	0.1	1	0.2	1	0.0	1	0.0			31	0.8	24	0.7	7	1.1
1974	14	0.3	5	0.1	9	1.4							35	0.8	29	0.8	6	0.9
1975	26	0.6	12	0.3	14	2.1							29	0.7	25	0.7	4	0.6
1976	14	0.3	9	0.3	5	0.8							26	0.6	20	0.6	6	0.9
1977	7	0.2	4	0.1	3	0.4	1	0.0	1	0.0			13	0.3	7	0.2	6	0.9
1978	3	0.1	3	0.1									23	0.5	15	0.4	8	1.2
1979	4	0.1	2	0.1	2	0.3							18	0.4	16	0.4	2	0.3

YEAR	ROCKY MOUNTAIN SPOTTED FEVER						SYPHILIS						MALIGNANT NEOPLASMS, ALL SITES					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	1	0.0	1	0.0			39	1.1	19	0.6	20	3.4	4,381	122.5	3,628	121.5	753	127.6
1961	2	0.1	2	0.1			36	1.0	17	0.6	19	3.2	4,634	128.3	3,775	125.1	859	144.5
1962							37	1.0	16	0.5	21	3.5	4,650	127.5	3,810	125.0	840	140.4
1963							31	0.8	9	0.3	22	3.7	5,134	139.4	4,187	135.9	947	157.2
1964	2	0.1	2	0.1			28	0.8	13	0.4	15	2.5	4,888	131.4	4,019	129.1	869	143.3
1965	4	0.1	4	0.1			19	0.5	6	0.2	13	2.1	5,108	136.1	4,215	134.1	893	146.3
1966	3	0.1	2	0.1	1	0.2	27	0.7	15	0.5	12	2.0	5,202	137.3	4,277	134.7	925	150.5
1967	3	0.1	3	0.1			28	0.7	5	0.2	23	3.7	5,465	142.9	4,535	141.4	930	150.3
1968	3	0.1	3	0.1			11	0.3	2	0.1	9	1.4	5,713	148.0	4,697	145.0	1,016	163.2
1969	1	0.0	1	0.0			13	0.3	3	0.1	10	1.6	5,737	147.2	4,690	143.4	1,047	167.1
1970	2	0.1	2	0.1			10	0.3	3	0.1	7	1.1	5,984	152.2	4,946	149.8	1,038	164.5
1971	5	0.1	5	0.1			9	0.2	3	0.1	6	0.9	6,070	152.1	5,029	150.1	1,041	162.6
1972	4	0.1	4	0.1			10	0.2	1	0.0	9	1.4	6,266	155.4	5,186	153.0	1,080	168.4
1973	1	0.0	1	0.0			15	0.4	7	0.2	8	1.2	6,501	158.8	5,311	154.0	1,186	183.2
1974	5	0.1	5	0.1			4	0.1	2	0.1	2	0.3	6,718	162.7	5,518	158.6	1,198	184.4
1975	2	0.0	2	0.1			5	0.1	2	0.1	3	0.5	6,869	164.0	5,660	160.4	1,209	183.4
1976	4	0.1	3	0.1	1	0.2	4	0.1			4	0.6	7,198	170.8	5,922	166.7	1,276	193.2
1977	2	0.0	1	0.0	1	0.1	9	0.2	4	0.1	5	0.7	7,507	174.6	6,209	171.2	1,298	193.3
1978	2	0.0	2	0.1									7,492	172.0	6,233	169.3	1,259	186.4
1979	2	0.0	2	0.1			6	0.1	3	0.1	3	0.4	7,792	177.9	6,456	174.4	1,336	197.1

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* Total includes one or more deaths with race not stated.

TABLE II (Continued)—DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1960-1979§

YEAR	MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM						MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS						MALIGNANT NEOPLASMS OF BREAST						MALIGNANT NEOPLASMS OF FEMALE GENITAL ORGANS					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	1,368	38.3	1,116	37.4	252	42.7	629	17.6	541	18.1	88	14.9	366	10.2	300	10.0	66	11.2	423	11.8	337	11.3	86	14.6
1961	1,413	39.1	1,149	38.1	264	44.4	663	18.4	555	18.4	108	18.2	382	10.6	312	10.3	70	11.8	472	13.1	354	11.7	118	19.9
1962	1,422	39.0	1,165	38.2	257	42.9	728	20.0	621	20.4	107	17.9	387	10.6	321	10.5	66	11.0	470	12.9	345	11.3	125	20.9
1963	1,489	40.4	1,172	38.0	317	52.6	881	23.9	765	24.8	116	19.3	394	10.7	313	10.2	81	13.4	525	14.3	404	13.1	121	20.1
1964	1,391	37.4	1,134	36.4	257	42.4	797	21.4	670	21.5	127	20.9	424	11.4	347	11.1	77	12.7	494	13.3	373	12.0	121	19.9
1965	1,525	40.6	1,225	39.0	300	49.1	860	22.9	735	23.4	125	20.5	431	11.5	340	10.8	91	14.9	527	14.0	407	12.9	120	19.7
1966	1,541	40.7	1,260	39.7	281	45.7	992	26.2	848	26.7	144	23.4	445	11.7	356	11.2	89	14.5	475	12.5	363	11.4	112	18.2
1967	1,636	42.8	1,300	40.5	336	54.3	1,008	26.3	867	27.0	141	22.8	486	12.7	418	13.0	68	11.0	457	11.9	363	11.3	94	15.2
1968	1,530	39.6	1,243	38.4	287	46.1	1,197	31.0	1,021	31.5	176	28.3	442	11.4	371	11.5	71	11.4	525	13.6	415	12.8	110	17.7
1969	1,540	39.5	1,242	38.0	298	47.5	1,190	30.5	1,014	31.0	176	28.1	498	12.8	405	12.4	93	14.8	464	11.9	359	11.0	105	16.8
1970	1,560	39.7	1,273	38.6	287	45.5	1,351	34.4	1,156	35.0	195	30.9	478	12.2	396	12.0	82	13.0	459	11.7	375	11.4	84	13.3
1971	1,643	41.2	1,325	39.6	318	49.7	1,349	33.8	1,172	35.0	177	27.6	523	13.1	435	13.0	88	13.7	461	11.6	363	10.8	98	15.3
1972	1,562	38.7	1,287	38.0	275	42.9	1,459	36.2	1,223	36.1	236	36.8	541	13.4	445	13.1	96	15.0	475	11.8	379	11.2	96	15.0
1973	1,626	39.7	1,278	37.1	347	53.6	1,564	38.2	1,317	38.2	247	38.2	529	12.9	453	13.1	76	11.7	490	12.0	385	11.2	105	16.2
1974	1,630	39.5	1,314	37.8	316	48.7	1,691	41.0	1,436	41.3	254	39.1	582	14.1	485	13.9	97	14.9	475	11.5	386	11.2	89	13.7
1975	1,717	41.0	1,383	39.2	334	50.7	1,675	40.0	1,422	40.3	253	38.4	556	13.3	473	13.4	83	12.6	457	10.9	360	10.2	97	14.7
1976	1,785	42.4	1,447	40.7	338	51.2	1,894	44.9	1,599	45.0	295	44.7	563	13.4	473	13.3	90	13.6	445	10.6	365	10.3	80	12.1
1977	1,845	42.9	1,500	41.3	345	51.4	2,041	47.5	1,723	47.5	318	47.4	580	13.5	490	13.5	90	13.4	473	11.0	381	10.5	92	13.7
1978	1,763	40.5	1,418	38.5	345	51.1	2,077	47.7	1,798	48.8	279	41.3	602	13.8	504	13.7	98	14.5	437	10.0	361	9.8	76	11.2
1979	1,925	43.9	1,557	42.1	368	54.3	2,204	50.3	1,859	50.2	345	50.9	575	13.1	475	12.8	100	14.7	478	10.9	389	10.5	89	13.1

YEAR	MALIGNANT NEOPLASMS OF MALE GENITAL ORGANS						DIABETES MELLITUS						DISEASES OF HEART						ISCHEMIC HEART DISEASE					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	311	8.7	254	8.5	57	9.7	420	11.7	314	10.5	106	18.0	11,284	315.5	9,408	315.1	1,876	317.8	7,796	218.0	6,929	232.1	867	146.9
1961	286	7.9	215	7.1	71	11.9	419	11.6	304	10.1	115	19.3	11,119	307.9	9,326	309.1	1,793	301.7	7,773	215.2	6,908	228.9	865	145.5
1962	294	8.1	213	7.0	81	13.5	455	12.5	345	11.3	110	18.4	11,996	328.9	9,971	327.0	2,025	338.4	8,601	235.8	7,552	247.7	1,049	175.3
1963	349	9.5	261	8.5	88	14.6	428	11.6	334	10.8	94	15.6	12,561	341.1	10,481	340.2	2,080	345.2	9,138	248.1	8,015	260.2	1,123	186.4
1964	293	7.9	221	7.1	72	11.9	448	12.0	329	10.6	119	19.6	12,558	337.7	10,377	333.4	2,181	359.6	9,428	253.5	8,161	262.2	1,267	208.9
1965	336	8.9	264	8.4	72	11.8	461	12.3	343	10.9	118	19.3	12,763	340.0	10,633	338.2	2,130	348.9	9,812	261.4	8,446	268.7	1,366	223.7
1966	309	8.2	221	7.0	88	14.3	492	13.0	368	11.6	124	20.2	13,518	356.7	11,211	353.1	2,307	375.4	10,512	277.4	8,984	282.9	1,528	248.6
1967	334	8.7	257	8.0	77	12.4	498	13.0	378	11.8	120	19.4	13,173	344.3	11,069	345.2	2,104	340.1	10,458	273.4	9,035	281.7	1,423	230.0
1968	339	8.8	244	7.5	95	15.3	571	14.8	426	13.2	145	23.3	14,182	367.3	11,716	361.8	2,466	396.0	12,945	335.3	10,777	332.8	2,168	348.2
1969	355	9.1	266	8.1	89	14.2	607	15.6	433	13.2	174	27.8	14,345	368.1	11,954	365.5	2,391	381.5	13,035	334.5	10,920	333.9	2,115	337.5
1970	374	9.5	278	8.4	96	15.2	619	15.7	460	13.9	159	25.2	14,312	364.0	11,900	360.5	2,412	382.2	13,054	332.0	10,897	330.1	2,157	341.8
1971	375	9.4	282	8.4	93	14.5	675	16.9	498	14.9	177	27.6	14,528	364.1	11,984	357.8	2,544	397.3	13,294	333.2	11,004	328.5	2,290	357.6
1972	380	9.4	279	8.2	101	15.7	651	16.1	497	14.7	154	24.0	14,946	370.8	12,491	368.5	2,455	382.7	13,683	339.4	11,487	338.9	2,196	342.3
1973	376	9.2	268	7.8	108	16.7	610	14.9	454	13.2	156	24.1	15,011	366.6	12,482	362.0	2,527	390.4	13,789	336.7	11,553	335.1	2,234	345.1
1974	407	9.9	288	8.3	119	18.3	629	15.2	454	13.6	175	26.9	14,738	356.9	12,303	353.6	2,435	374.9	13,416	324.9	11,265	323.8	2,151	331.2
1975	408	9.7	304	8.6	104	15.8	612	14.6	446	12.6	166	25.2	14,303	341.5	11,976	339.4	2,324	352.6	12,928	308.7	10,905	309.0	2,020	306.5
1976	407	9.7	291	8.2	116	17.6	548	13.0	397	11.2	151	22.9	14,580	346.0	12,276	345.5	2,301	348.3	13,116	311.2	11,127	313.1	1,986	300.6
1977	449	10.4	331	9.1	118	17.6	565	13.1	432	11.9	133	19.8	14,497	337.2	12,098	333.5	2,399	357.3	13,011	302.7	10,919	301.0	2,092	311.6
1978	435	10.0	315	8.6	120	17.8	525	12.0	385	10.5	140	20.7	14,176	325.4	11,956	324.8	2,220	328.6	12,621	289.7	10,697	290.6	1,924	284.8
1979	434	9.9	320	8.6	114	16.8	552	12.6	406	11.0	146	21.5	14,115	322.3	11,831	319.6	2,284	336.9	10,729	245.0	9,441	255.0	1,288	190.0

YEAR	CEREBROVASCULAR DISEASE						ATHEROSCLEROSIS						PNEUMONIA						INFLUENZA					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	4,681	130.9	3,582	120.8	1,099	186.2	666	18.6	556	18.6	110	18.6	1,167	32.6	860	28.8	307	52.0	282	7.9	199	6.7	83	14.1
1961	4,704	130.2	3,650	121.0	1,054	177.3	701	19.4	583	19.3	118	19.9	1,245	34.5	930	30.8	315	53.0	81	2.2	48	1.6	33	5.6
1962	4,925	135.0	3,772	123.7	1,153	192.7	756	20.7	650	21.3	106	17.7	1,260	34.5	934	30.6	326	54.5	183	5.0	117	3.8	66	11.0
1963	5,008	136.0	3,801	123.4	1,207	200.3	668	18.1	572	18.6	96	15.9	1,538	41.8	1,077	35.0	461	76.5	342	9.3	222	7.2	120	19.9
1964	4,879	131.2	3,714	119.2	1,165	192.1	690	18.6	589	18.9	101	16.7	1,471	39.6	1,086	34.9	385	63.5	52	1.4	35	1.1	17	2.8
1965	4,934	131.4	3,773	120.0	1,161	190.2	744	19.8	651	20.7	93	15.2	1,286	34.3	975	31.0	311	50.9	70	1.9	53	1.7	17	2.8
1966	5,025	132.6	3,885	122.3	1,140	185.5	761	20.1	665	20.9	96	15.6	1,357	35.8	1,006	31.7	351	57.1	78	2.1	58	1.8	20	3.3
1967	5,020	131.2	3,822	119.2	1,198	193.6	709	18.5	618	19.3	91	14.7	1,202	31.4	960	29.9	242	39.1	45	1.2	30	0.9	15	2.4
1968	5,146	133.3	3,943	121.8	1,203	193.2	633	16.4	542	16.7	91	14.6	1,192	30.9	916	28.3	276	44.3	185	4.8	150	4.6	35	5.6
1969	5,096	130.8	3,961	121.1	1,135	181.1	634	16.3	544	16.6	90	14.4	1,207	31.0	975	29.8	232	37.0	195	5.0	148	4.5	47	7.5
1970	5,057	128.6	3,949	119.6	1,108	175.6	538	13.7	478	14.5	60	9.5	1,177	29.9	939	28.4	238	37.7	174	4.4	152	4.6	22	3.5
1971	4,997	125.2	3,963	118.3	1,034	161.5	558	14.0	486	14.5	72	11.2	1,165	29.2	938	28.0	227	35.4	28	0.7	24	0.7	4	0.6
1972	5,215	129.4	4,168	123.0	1,047	163.2	617	15.3	529	15.6	88	13.7	1,142	28.3	950	28.0	192	29.9	122	3.0	109	3.2	13	2.0
1973	5,339	130.4	4,267	123.8	1,071	165.5	641	15.7	544	15.8	97	15.0	1,070	26.1	897	26.0	173	26.7	127	3.1	112	3.2	15	2.3
1974	5,204	126.0	4,204	120.5	1,000	154.0	669	16.2	571	16.4	98	15.1	945	22.9	814	23.4	131	20.2	79	1.9	71	2.0	8	1.2
1975	4,902	117.0	3,929	111.3	973	147.6	622	14.9	532	15.1	90	13.7	972	23.2	810	23.0	162	24.6	129	3.1	120	3.4	9	1.4
1976	4,862	115.4	3,938	110.8	924	139.9	570	13.5	496	14.0	74	11.2	1,084	25.7	911	25.6	173	26.2	156	3.7	139	3.9	17	2.6
1977	4,561	106.1	3,694	101.8	867	129.1	582	13.5	514	14.2	68	10.1	1,031	24.0	894	24.6	137	20.4	39	0.9	35	1.0	4	0.6
1978	4,283	98.3	3,480	94.5	803	118.9	615	14.1	520	14.1	95	14.1	1,093	25.1	938	25.5	155	22.9	66	1.5	60	1.6	6	0.9
1979	4,213	96.2	3,389	91.5	824	121.5	642	14.7	554	15.0	88	13.0	897	20.5	788	21.3	109	16.1	11	0.3	8	0.2	3	0.4

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*Total includes one or more deaths with race not stated.

TABLE II (Continued)—DEATHS FROM IMPORTANT CAUSES WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1960-1979§

YEAR	CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS						HERNIA AND INTESTINAL OBSTRUCTION						CHRONIC LIVER DISEASE AND CIRRHOSIS						CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	404	11.3	347	11.6	57	9.7	132	3.7	108	3.6	24	4.1	190	5.3	171	5.7	19	3.2	99	2.8	89	3.0	10	1.7
1961	413	11.4	360	11.9	53	8.9	136	3.8	113	3.7	23	3.9	203	5.6	163	5.4	40	6.7	73	2.0	64	2.1	9	1.5
1962	477	13.1	413	13.5	64	10.7	145	4.0	116	3.8	29	4.8	206	5.6	161	5.3	45	7.5	92	2.5	77	2.5	15	2.5
1963	532	14.4	464	15.1	68	11.3	164	4.5	135	4.4	29	4.8	250	6.8	209	6.8	41	6.8	100	2.7	95	3.1	5	0.8
1964	501	13.5	432	13.9	69	11.4	178	4.8	140	4.5	38	6.3	254	6.8	210	6.7	44	7.3	81	2.2	72	2.3	9	1.5
1965	646	17.2	567	18.0	79	12.9	159	4.2	126	4.0	33	5.4	256	6.8	197	6.3	59	9.7	98	2.6	91	2.9	7	1.1
1966	625	16.5	551	17.4	74	12.0	167	4.4	145	4.6	22	3.6	248	6.5	211	6.6	37	6.0	95	2.5	89	2.8	6	1.0
1967	630	16.5	555	17.3	75	12.1	191	5.0	152	4.7	39	6.3	298	7.8	241	7.5	57	9.2	104	2.7	88	2.7	16	2.6
1968	647	16.8	587	18.1	60	9.6	107	2.8	83	2.6	24	3.9	297	7.7	246	7.6	51	8.2	102	2.6	88	2.7	14	2.2
1969	699	17.9	639	19.5	60	9.6	106	2.7	92	2.8	14	2.2	326	8.4	260	8.0	66	10.5	116	3.0	98	3.0	18	2.9
1970	718	18.3	654	19.8	64	10.1	117	3.0	89	2.7	28	4.4	393	10.0	320	9.7	73	11.6	121	3.1	107	3.2	14	2.2
1971	680	17.0	622	18.6	58	9.1	119	3.0	90	2.7	29	4.5	354	8.9	300	9.0	54	8.4	112	2.8	104	3.1	8	1.2
1972	836	20.7	739	21.8	97	15.1	115	2.9	100	3.0	15	2.3	353	8.8	286	8.4	67	10.4	110	2.7	99	2.9	11	1.7
1973	902	22.0	809	23.5	93	14.4	112	2.7	85	2.5	27	4.2	449	11.0	364	10.6	85	13.1	81	2.0	75	2.2	6	0.9
1974	941	22.8	850	24.4	91	14.0	113	2.7	88	2.5	25	3.8	444	10.8	369	10.6	75	11.5	88	2.1	79	2.3	9	1.4
1975	933	22.3	867	24.6	66	10.0	106	2.5	85	2.4	21	3.2	401	9.6	321	9.1	80	12.1	101	2.4	87	2.5	14	2.1
1976	907	23.7	898	25.3	99	15.0	106	2.5	83	2.3	23	3.5	387	9.2	345	9.7	42	6.4	82	1.9	75	2.1	7	1.1
1977	1,043	24.3	946	26.1	97	14.4	95	2.2	74	2.0	21	3.1	407	9.5	341	9.4	66	9.8	71	1.7	61	1.7	10	1.5
1978	1,148	26.3	1,055	28.7	93	13.8	104	2.4	81	2.2	23	3.4	398	9.1	335	9.1	63	9.3	84	1.9	76	2.1	8	1.2
1979	1,052	24.0	944	25.5	108	15.9	81	1.8	57	1.5	24	3.5	431	9.8	342	9.2	89	13.1	76	1.7	68	1.8	8	1.2

YEAR	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS						COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM†						CONGENITAL ANOMALIES						CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD					
	TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	316	8.8	203	6.8	113	19.1	36	4.4	19	3.0	17	9.3	434	12.1	364	12.2	70	11.9	1,293	36.2	904	30.1	389	65.9
1961	327	9.1	218	7.2	109	18.3	32	3.9	21	3.3	11	6.0	420	11.6	345	11.4	75	12.6	1,256	34.8	901	29.9	355	59.7
1962	302	8.3	197	6.5	105	17.5	42	5.2	23	3.7	19	10.6	405	11.1	330	10.8	75	12.5	1,269	34.8	889	29.2	380	63.5
1963	325	8.8	219	7.1	106	17.6	38	4.8	17	2.7	21	12.0	422	11.5	335	10.9	87	14.4	1,192	32.4	812	26.4	380	63.1
1964	305	8.2	209	6.7	96	15.8	32	4.0	14	2.2	18	10.2	447	12.0	345	11.1	102	16.8	1,209	32.5	840	27.0	369	60.8
1965	281	7.5	198	6.3	83	13.6	24	3.3	9	1.6	15	9.0	387	10.3	297	9.4	90	14.7	1,094	29.1	746	23.7	348	57.0
1966	247	6.5	167	5.3	80	13.0	24	3.5	11	2.0	13	8.6	391	10.3	301	9.5	90	14.6	965	25.5	658	20.7	307	50.0
1967	230	6.0	155	4.8	75	12.1	27	4.0	17	3.2	10	6.8	372	9.7	294	9.2	78	12.6	913	23.9	615	19.2	298	48.2
1968	220	5.7	146	4.5	74	11.9	29	4.3	12	2.3	17	11.9	376	9.7	308	9.5	68	10.9	859	22.2	608	18.8	251	40.3
1969	208	5.3	134	4.1	74	11.8	24	3.4	11	2.0	13	8.8	339	8.7	278	8.5	61	9.7	881	22.6	585	17.9	296	47.2
1970	192	4.9	121	3.7	71	11.3	18	2.5	10	1.8	8	5.2	381	9.7	307	9.3	74	11.7	889	22.6	627	19.0	262	41.5
1971	162	4.1	105	3.1	57	8.9	21	2.9	7	1.2	14	9.3	339	8.5	284	8.5	55	8.6	847	21.2	604	18.0	243	37.9
1972	193	4.8	116	3.4	77	12.0	16	2.4	10	1.9	6	4.2	384	9.5	304	9.0	80	12.5	754	18.7	499	14.7	255	39.8
1973	160	3.9	107	3.1	53	8.2	23	3.6	11	2.2	12	8.5	325	7.9	266	7.7	59	9.1	726	17.7	499	14.5	226	34.9
1974	185	4.5	111	3.2	74	11.4	24	3.7	17	3.4	7	5.0	304	7.4	242	7.0	62	9.5	619	15.0	412	11.8	207	31.9
1975	198	4.7	123	3.5	75	11.4	15	2.4	6	1.2	9	6.5	298	7.1	244	6.9	54	8.2	526	12.6	337	9.5	189	28.7
1976	201	4.8	126	3.5	75	11.4	7	1.1	3	0.6	4	2.9	228	5.4	182	5.1	46	7.0	522	12.4	349	9.8	173	26.2
1977	184	4.3	116	3.2	68	10.1	16	2.4	7	1.3	9	6.2	281	6.5	222	6.1	59	8.8	481	11.2	318	8.8	163	24.3
1978	230	5.3	135	3.7	95	14.1	10	1.5	4	0.8	6	3.9	278	6.4	219	5.9	59	8.7	460	10.6	304	8.3	156	23.1
1979	354	8.1	239	6.5	115	17.0	9	1.3	3	0.6	6	3.7	280	6.4	231	6.2	49	7.2	464	10.6	274	7.4	190	28.0

YEAR	ACCIDENTS AND ADVERSE EFFECTS						MOTOR VEHICLE ACCIDENTS							SUICIDE						HOMICIDE AND LEGAL INTERVENTION					
	TOTAL		WHITE		NONWHITE		TOTAL			WHITE		NONWHITE		TOTAL		WHITE		NONWHITE		TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate (1)	Rate (2)	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	1,969	55.1	1,570	52.6	399	67.6	859	24.0	6.2	715	23.9	144	24.4	333	9.3	310	10.4	23	3.9	268	7.5	111	3.7	157	26.6
1961	1,825	50.5	1,485	49.2	340	57.2	795	22.0	5.6	692	22.9	103	17.3	346	9.6	336	11.1	10	1.7	263	7.3	118	3.9	145	24.4
1962	1,967	53.9	1,588	52.1	379	63.3	901	24.7	6.2	780	25.6	121	20.2	401	11.0	379	12.4	22	3.7	264	7.2	113	3.7	151	25.2
1963	2,100	57.0	1,724	56.0	376	62.4	977	26.5	6.5	844	27.4	133	22.1	359	9.7	337	10.9	22	3.7	266	7.2	131	4.3	135	22.4
1964	2,162	58.1	1,764	56.7	398	65.6	1,061	28.5	6.7	911	29.3	150	24.7	395	10.6	375	12.0	20	3.3	307	8.3	161	5.2	146	24.1
1965	2,247	59.9	1,884	59.9	363	59.5	1,143	30.4	6.8	1,007	32.0	136	22.3	379	10.1	356	11.3	23	3.8	316	8.4	162	5.2	154	25.2
1966	2,468	65.1	2,039	64.2	429	69.8	1,250	33.0	7.0	1,082	34.1	168	27.3	385	10.2	356	11.2	29	4.7	333	8.8	164	5.2	169	27.5
1967	2,466	64.5	2,053	64.0	413	66.8	1,286	33.6	6.8	1,107	34.5	179	28.9	404	10.6	385	12.0	19	3.1	379	9.9	186	5.8	193	31.2
1968	2,502	64.8	2,010	62.1	492	79.0	1,252	32.4	6.6	1,066	32.9	186	29.9	413	10.7	382	11.8	31	5.0	*412	10.7	205	6.3	206	33.1
1969	2,531	64.9	2,055	62.8	476	76.0	1,358	34.8	7.0	1,119	34.2	239	38.1	461	11.8	430	13.1	31	4.9	423	10.9	196	6.0	227	36.2
1970	*2,582	65.7	2,115	64.1	466	73.8	*1,406	35.8	6.8	1,218	36.9	187	29.6	497	12.6	459	13.9	38	6.0	441	11.2	240	7.3	201	31.8
1971	2,467	61.8	2,068	61.7	399	62.3	1,337	33.5	6.1	1,177	35.1	160	25.0	490	12.3	461	13.8	29	4.5	486	12.2	269	8.0	217	33.9
1972	2,602	64.5	2,153	63.5	449	70.0	1,401	34.8	6.0	1,204	35.5	197	30.7	469	11.6	440	13.0	29	4.5	549	13.6	278	8.2	271	42.2
1973	*2,698	65.9	2,268	65.8	429	66.3	1,442	35.2	5.5	1,246	36.1	196	30.3	490	12.0	460	13.3	30	4.6	550	13.4	262	7.6	288	44.5
1974	2,510	60.8	2,131	61.2	379	58.4	1,290	31.2	5.3	1,133	32.6	157	24.2	544	13.2	514	14.8	30	4.6	569	13.8	290	8.3	279	43.0
1975	2,310	55.2	1,936	54.9	374	56.7	1,142	27.3	4.1	971	27.5	171	25.9	567	13.5	525	14.9	42	6.4	568	13.6	302	8.6	266	40.4
1976	2,262	53.7	1,956	55.0	306	46.3	1,160	27.5	4.1	1,016	28.6	144	21.8	559	13.3	515	14.5	44	6.7	492	11.7	265	7.5	227	34.4
1977	2,440	56.8	2,070	57.1	370	55.1	1,245	29.0	4.1	1,082	29.8	163	24.3	588	13.7	543	15.0	45	6.7	477	11.1	244	6.7	233	34.7
1978	2,460	56.5	2,092	56.8	368	54.5	1,294	29.7	4.4	1,121	30.5	173	25.6	548	12.6	523	14.2	25	3.7	456	10.5	241	6.5	215	31.8
1979	2,358	53.7	2,007	54.2	343	50.6	1,268	28.9	NA	1,104	29.8	164	24.2	607	13.9	565	15.3	42	6.2	474	10.8	244	6.6	230	33.9

§Cause titles are shown according to the *Ninth Revision International Classification of Diseases*, 1975. Where necessary, regrouping of causes for 1960-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979. For more detailed information see page 9 of this Bulletin.
†Rate per 10,000 live births.
*Total includes one or more deaths with race not stated.
(1)Rate per 100,000 population.
(2)Rate per 10,000 motor vehicles.
NA Data not available for 1979.

TABLE III—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1960-1979§

TOTAL DEATHS*

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	°32,892	9.2	18,619	10.7	14,271	7.8	14,891	10.2	10,957	7.2	3,728	13.2	3,314	10.7
1961	°32,625	9.0	°18,353	10.4	14,271	7.7	14,651	9.9	11,092	7.2	3,701	13.1	3,179	10.2
1962	°34,025	9.3	19,023	10.7	15,001	8.0	15,185	10.2	11,667	7.5	3,838	13.5	3,334	10.6
1963	°35,633	9.7	20,287	11.3	15,344	8.1	16,272	10.8	11,950	7.6	4,015	14.0	3,394	10.7
1964	°34,815	9.4	19,649	10.9	15,162	7.9	15,727	10.3	11,867	7.5	3,922	13.6	3,295	10.3
1965	°35,049	9.3	19,797	10.9	15,250	7.9	16,061	10.5	12,053	7.5	3,736	12.9	3,197	9.9
1966	°36,108	9.5	20,473	11.1	15,632	8.0	16,589	10.7	12,282	7.5	3,884	13.4	3,350	10.3
1967	°35,736	9.3	20,483	11.0	15,251	7.7	16,713	10.7	12,128	7.4	3,770	12.9	3,123	9.6
1968	°37,373	9.7	21,256	11.4	°16,116	8.1	17,120	10.9	12,706	7.6	4,136	14.1	3,409	10.3
1969	°37,832	9.7	21,370	11.3	16,461	8.2	17,367	10.9	13,073	7.8	4,003	13.6	3,388	10.2
1970	°38,079	9.7	°21,653	11.4	16,425	8.1	17,796	11.1	13,081	7.7	3,856	13.0	3,344	10.0
1971	°37,783	9.5	21,325	11.1	16,456	8.0	17,427	10.7	13,242	7.7	3,898	13.0	3,214	9.5
1972	°39,345	9.8	22,489	11.5	16,934	8.1	18,226	11.1	13,812	7.9	4,183	13.9	3,122	9.2
1973	°39,724	9.7	°22,421	11.3	°17,299	8.2	18,350	11.0	13,967	7.9	4,062	13.4	3,331	9.7
1974	°39,376	9.5	°22,070	11.1	17,305	8.1	18,187	10.8	14,027	7.8	3,881	12.8	3,276	9.5
1975	°38,522	9.2	°21,570	10.7	16,952	7.8	17,752	10.4	13,752	7.6	3,813	12.3	3,200	9.1
1976	°38,938	9.2	°21,933	10.8	°17,002	7.8	18,161	10.5	13,922	7.6	3,769	12.1	3,078	8.8
1977	39,080	9.1	22,036	10.6	17,044	7.7	18,209	10.4	13,901	7.4	3,827	12.1	3,143	8.9
1978	°38,654	8.9	21,591	10.3	17,062	7.6	17,939	10.1	14,024	7.4	3,652	11.5	3,038	8.5
1979	38,712	8.8	21,678	10.3	17,034	7.5	17,816	9.9	14,021	7.3	3,862	12.1	3,013	8.4

TUBERCULOSIS

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	357	1.0	220	12.6	137	7.5	173	11.8	103	6.8	47	16.7	34	11.0
1961	291	8.1	201	11.4	90	4.9	149	10.1	69	4.5	52	18.4	21	6.7
1962	290	8.0	184	10.4	106	5.7	139	9.3	85	5.5	45	15.8	21	6.7
1963	278	7.5	184	10.3	94	5.0	137	9.1	77	4.9	47	16.4	17	5.4
1964	247	6.6	171	9.5	76	4.0	132	8.7	58	3.6	39	13.6	18	5.6
1965	235	6.3	166	9.1	69	3.6	131	8.5	52	3.2	35	12.1	17	5.3
1966	223	5.9	149	8.1	74	3.8	121	7.8	55	3.4	28	9.6	19	5.9
1967	185	4.8	107	5.8	78	4.0	83	5.3	53	3.2	24	8.2	25	7.6
1968	153	4.0	96	5.1	57	2.9	66	4.2	39	2.3	30	10.2	18	5.5
1969	145	3.7	102	5.4	43	2.1	85	5.3	32	1.9	17	5.8	11	3.3
1970	121	3.1	80	4.2	41	2.0	61	3.8	25	1.5	19	6.4	16	4.8
1971	125	3.1	79	4.1	46	2.2	51	3.1	37	2.2	28	9.3	9	2.7
1972	121	3.0	73	3.7	48	2.3	54	3.3	34	2.0	19	6.3	14	4.1
1973	99	2.4	68	3.4	31	1.5	48	2.9	24	1.4	20	6.6	7	2.0
1974	97	2.3	63	3.2	34	1.6	46	2.7	26	1.5	17	5.6	8	2.3
1975	103	2.5	73	3.6	30	1.4	59	3.4	21	1.2	14	4.5	9	2.6
1976	93	2.2	60	3.0	33	1.5	50	2.9	29	1.6	10	3.2	4	1.1
1977	113	2.6	73	3.5	40	1.8	62	3.5	28	1.5	11	3.5	12	3.4
1978	68	1.6	39	1.9	29	1.3	26	1.5	26	1.4	13	4.1	3	0.8
1979	63	1.4	38	1.8	25	1.1	29	1.6	19	1.0	9	2.8	6	1.7

SYPHILIS

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	39	1.1	28	1.6	11	0.6	14	1.0	5	0.3	14	5.0	6	1.9
1961	36	1.0	29	1.6	7	0.4	14	0.9	3	0.2	15	5.3	4	1.3
1962	37	1.0	28	1.6	9	0.5	13	0.9	3	0.2	15	5.3	6	1.9
1963	31	0.8	20	1.1	11	0.6	7	0.5	2	0.1	13	4.5	9	2.8
1964	28	0.8	23	1.3	5	0.3	10	0.7	3	0.2	13	4.5	2	0.6
1965	19	0.5	15	0.8	4	0.2	5	0.3	1	0.1	10	3.5	3	0.9
1966	27	0.7	16	0.9	11	0.6	8	0.5	7	0.4	8	2.8	4	1.2
1967	28	0.7	20	1.1	8	0.4	5	0.3			15	5.1	8	2.4
1968	11	0.3	10	0.5	1	0.1	2	0.1			8	2.7	1	0.3
1969	13	0.3	6	0.3	7	0.3	2	0.1	1	0.1	4	1.4	6	1.8
1970	10	0.3	8	0.4	2	0.1	2	0.1	1	0.1	6	2.0	1	0.3
1971	9	0.2	4	0.2	5	0.2	1	0.1	2	0.1	3	1.0	3	0.9
1972	10	0.2	6	0.3	4	0.2			1	0.1	6	2.0	3	0.9
1973	15	0.4	10	0.5	5	0.2	4	0.2	3	0.2	6	2.0	2	0.6
1974	4	0.1	2	0.1	2	0.1			2	0.1	2	0.7		
1975	5	0.1	3	0.1	2	0.1	1	0.1	1	0.1	2	0.6	1	0.3
1976	4	0.1	1	0.0	3	0.1					1	0.3	3	0.9
1977	9	0.2	6	0.3	3	0.1	2	0.1	2	0.1	4	1.3	1	0.3
1978														
1979	6	0.1	5	0.2	1	0.0	2	0.1	1	0.1	3	0.9		

MALIGNANT NEOPLASMS

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	4,381	122.5	2,261	129.6	2,120	115.8	1,881	128.6	1,747	114.7	380	135.0	373	120.8
1961	4,634	128.3	2,381	135.3	2,253	121.7	1,956	132.4	1,819	118.1	425	150.2	434	139.4
1962	4,650	127.5	2,371	133.5	2,279	121.8	1,968	131.9	1,842	118.3	403	141.7	437	139.2
1963	5,134	139.4	2,745	153.2	2,389	126.3	2,263	150.3	1,924	122.2	482	168.6	465	146.9
1964	4,888	131.4	2,516	139.2	2,372	124.1	2,090	137.5	1,929	121.2	426	148.2	443	138.8
1965	5,108	136.1	2,703	148.3	2,405	124.5	2,228	145.2	1,987	123.5	475	164.4	418	130.0
1966	5,202	137.3	2,758	150.0	2,444	125.3	2,297	148.3	1,980	121.7	461	158.8	464	143.1
1967	5,465	142.9	2,902	156.5	2,563	130.0	2,403	153.8	2,132	129.7	499	171.0	431	131.9
1968	5,713	148.0	3,051	163.1	2,662	133.7	2,502	158.7	2,195	132.1	549	187.2	467	141.8
1969	5,737	147.2	3,140	166.5	2,597	129.1	2,559	160.8	2,131	126.9	581	197.1	466	140.4
1970	5,984	152.2	3,283	172.6	2,701	133.0	2,725	169.8	2,221	131.0	558	188.2	480	143.5
1971	6,070	152.1	3,352	173.7	2,718	131.9	2,759	169.4	2,270	131.9	593	197.1	448	131.9
1972	6,266	155.4	3,471	178.0	2,795	134.3	2,848	172.8	2,338	134.3	623	206.7	457	134.4
1973	6,501	158.8	3,676	185.9	2,825	133.4	2,986	178.4	2,325	131.1	687	226.4	499	145.1
1974	6,718	162.7	3,762	188.8	2,956	138.3	3,057	181.1	2,461	137.4	703	231.1	495	143.4
1975	6,869	164.0	3,810	188.6	3,059	141.1	3,127	182.8	2,533	139.3	683	221.1	526	150.2
1976	7,198	170.8	4,074	200.4	3,124	143.2	3,334	193.6	2,588	141.3	740	237.9	536	151.4
1977	7,507	174.6	4,283	206.6	3,224	144.9	3,529	200.8	2,680	143.3	754	238.3	544	153.2
1978	7,492	172.0	4,272	203.4	3,220	142.7	3,511	197.1	2,722	143.3	761	239.1	498	139.4
1979	7,792	177.9	4,441	210.5	3,351	147.6	3,643	203.4	2,813	147.2	798	249.9	538	150.0

DIABETES MELLITUS

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	420	11.7	199	11.4	221	12.1	148	10.1	166	10.9	51	18.1	55	17.8
1961	419	11.6	178	10.1	241	13.0	135	9.1	169	11.0	43	15.2	72	23.1
1962	455	12.5	191	10.8	264	14.1	154	10.3	191	12.3	37	13.0	73	23.3
1963	428	11.6	176	9.8	252	13.3	142	9.4	192	12.2	34	11.9	60	19.0
1964	448	12.0	184	10.2	264	13.8	140	9.2	189	11.9	44	15.3	75	23.5
1965	461	12.3	179	9.8	282	14.6	135	8.8	208	12.9	44	15.2	74	23.0
1966	492	13.0	193	10.5	299	15.3	164	10.6	204	12.5	29	10.0	95	29.3
1967	498	13.0	193	10.4	305	15.5	156	10.0	222	13.5	37	12.7	83	25.4
1968	571	14.8	220	11.8	351	17.6	180	11.4	246	14.8	40	13.6	105	31.9
1969	607	15.6	228	12.1	379	18.8	175	11.0	258	15.4	53	18.0	121	36.5
1970	619	15.7	254	13.4	365	17.8	190	11.8	270	15.9	64	21.6	95	28.4
1971	675	16.9	274	14.2	401	19.5	205	12.6	293	17.0	69	22.9	108	31.8
1972	651	16.1	276	14.2	375	17.8	224	13.6	273	15.7	52	17.3	102	30.0
1973	610	14.9	249	12.6	361	17.0	196	11.7	258	14.5	53	17.5	103	29.9
1974	629	15.2	215	10.8	414	19.4	154	9.1	300	16.7	61	20.1	114	33.0
1975	612	14.6	253	12.5	359	16.6	200	11.7	246	13.5	53	17.2	113	32.3
1976	548	13.0	202	9.9	346	15.9	147	8.5	250	13.6	55	17.7	96	27.5
1977	565	13.1	208	10.0	357	16.0	160	9.1	272	14.5	48	15.2	85	23.9
1978	525	12.0	217	10.3	308	13.6	168	9.4	217	11.4	49	15.4	91	25.5
1979	552	12.6	216	10.2	336	14.8	169	9.4	237	12.4	47	14.7	99	27.6

DISEASES OF HEART

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	11,284	315.5	6,582	377.3	4,702	256.7	5,612	383.6	3,796	249.3	970	344.5	906	293.4
1961	11,119	307.9	6,525	370.7	4,594	248.1	5,540	375.0	3,786	245.8	985	348.0	808	259.5
1962	11,996	328.9	6,967	392.3	5,029	268.7	5,907	396.0	4,064	261.0	1,060	372.6	965	307.4
1963	12,561	341.1	7,431	414.7	5,130	271.2	6,122	419.9	4,159	264.1	1,109	387.8	971	306.8
1964	12,558	337.7	7,267	402.1	5,291	276.8	6,125	403.0	4,252	267.1	1,142	397.3	1,039	325.6
1965	12,763	348.8	7,441	408.1	5,322	275.6	6,314	411.5	4,319	268.3	1,127	390.1	1,003	311.8
1966	13,518	356.7	7,962	433.0	5,556	284.8	6,732	434.8	4,479	275.3	1,230	423.6	1,077	332.2
1967	13,173	344.3	7,814	421.4	5,359	271.9	6,672	427.0	4,397	267.4	1,142	391.3	962	294.4
1968	14,182	367.3	8,324	445.1	5,858	294.2	7,005	444.2	4,711	283.5	1,319	449.7	1,147	348.2
1969	14,345	368.1	8,253	437.6	6,092	302.9	7,026	441.6	4,928	293.5	1,227	416.3	1,164	350.6
1970	14,312	364.0	8,291	436.8	6,021	296.6	7,005	436.4	4,895	288.7	1,286	433.7	1,126	336.5
1971	14,528	364.1	8,289	429.5	6,239	302.8	6,938	425.9	5,046	293.2	1,351	449.8	1,193	351.4
1972	14,946	370.8	8,677	445.1	6,269	301.2	7,301	442.9	5,190	298.1	1,376	456.6	1,079	317.2
1973	15,011	366.6	8,576	433.8	6,434	303.8	7,276	434.7	5,205	293.4	1,298	427.8	1,229	357.4
1974	14,738	356.9	8,374	420.3	6,364	297.8	7,114	421.4	5,189	289.6	1,260	414.2	1,175	340.3
1975	14,303	341.5	8,161	404.0	6,142	283.3	6,967	407.2	5,069	275.5	1,191	385.5	1,133	323.6
1976	14,580	346.0	8,226	404.6	6,353	291.3	7,022	407.8	5,253	286.8	1,201	386.0	1,100	314.7
1977	14,497	337.2	8,179	394.5	6,318	283.9	6,943	395.1	5,155	275.6	1,236	390.7	1,163	327.6
1978	14,176	325.4	7,829	372.8	6,347	281.2	6,702	376.1	5,254	276.6	1,127	354.1	1,093	305.8
1979	14,115	322.3	7,947	376.6	6,168	271.7	6,734	376.1	5,097	266.7	1,213	379.8	1,071	298.6

§ Cause titles are shown according to the *Ninth Revision International Classification of Diseases*, 1975. Where necessary, regrouping of causes for 1960-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979. For more detailed information see page 9 of this Bulletin.

* Rate per 1,000 population.

° Total includes one or more deaths with race and/or sex not stated.

TABLE III (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1960-1979§

CEREBROVASCULAR DISEASE

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	4,681	130.9	2,305	132.1	2,376	129.7	1,808	123.6	1,774	116.5	497	176.5	602	195.0
1961	4,704	130.2	2,308	131.1	2,396	129.4	1,826	123.6	1,824	118.4	482	170.3	572	183.7
1962	4,925	135.0	2,398	135.0	2,527	135.0	1,836	123.1	1,936	124.3	562	197.5	591	188.2
1963	5,008	136.0	2,402	134.1	2,606	137.8	1,820	120.9	1,981	125.8	582	203.5	625	197.5
1964	4,879	131.2	2,363	130.7	2,516	131.6	1,784	117.4	1,930	121.2	579	201.4	586	183.6
1965	4,934	131.4	2,347	128.7	2,587	134.0	1,797	117.1	1,976	122.8	550	190.4	611	190.0
1966	5,025	132.6	2,398	130.4	2,627	134.6	1,835	118.5	2,050	126.0	563	193.9	577	178.0
1967	5,020	131.2	2,412	130.1	2,608	132.3	1,849	118.3	1,973	120.0	563	192.9	635	194.3
1968	5,146	133.3	2,360	126.2	2,786	139.9	1,803	114.3	2,140	128.8	557	189.9	646	196.1
1969	5,096	130.8	2,402	127.4	2,694	134.0	1,846	116.0	2,115	126.0	556	188.6	579	174.4
1970	5,057	128.6	2,337	122.9	2,720	134.0	1,844	114.9	2,105	124.1	493	166.3	615	183.8
1971	4,997	125.2	2,323	120.4	2,674	129.8	1,809	111.1	2,154	125.2	514	170.8	520	153.2
1972	5,215	129.4	2,405	123.4	2,810	135.0	1,898	115.2	2,270	130.4	507	168.2	540	158.8
1973	5,339	130.4	2,346	118.7	2,993	141.3	1,835	109.6	2,432	137.1	510	168.1	561	163.1
1974	5,204	126.0	2,268	113.8	2,936	137.4	1,837	108.8	2,367	132.1	431	141.7	569	164.8
1975	4,902	117.0	2,151	106.5	2,751	126.9	1,687	98.6	2,242	123.3	464	150.2	509	145.4
1976	4,862	115.4	2,197	108.1	2,663	122.1	1,756	102.0	2,180	119.0	441	141.8	483	138.2
1977	4,561	106.1	1,946	93.9	2,615	117.5	1,573	89.5	2,121	113.4	373	117.9	494	139.1
1978	4,283	98.3	1,858	88.5	2,425	107.4	1,477	82.9	2,003	105.4	381	119.7	422	118.1
1979	4,213	96.2	1,838	87.1	2,375	104.6	1,424	79.5	1,965	102.8	414	129.6	410	114.3

ATHEROSCLEROSIS

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	666	18.6	353	20.2	313	17.1	288	19.7	268	17.6	65	23.1	45	14.6
1961	701	19.4	321	18.2	380	20.5	262	17.7	321	20.8	59	20.8	59	18.9
1962	756	20.7	335	18.9	421	22.5	276	18.5	374	24.0	59	20.7	47	15.0
1963	668	18.1	312	17.4	356	18.8	266	17.7	306	19.4	46	16.1	50	15.8
1964	690	18.6	309	17.1	381	19.9	266	17.5	323	20.3	43	15.0	58	18.2
1965	744	19.8	338	18.5	406	21.0	295	19.2	356	22.1	43	14.9	50	15.5
1966	761	20.1	340	18.5	421	21.6	299	19.3	366	22.5	41	14.1	55	17.0
1967	709	18.5	350	18.9	359	18.2	298	19.1	320	19.5	52	17.8	39	11.9
1968	633	16.4	279	14.9	354	17.8	230	14.6	312	18.8	49	16.7	42	12.8
1969	634	16.3	260	13.8	374	18.6	219	13.8	325	19.4	41	13.9	49	14.8
1970	538	13.7	239	12.6	299	14.7	205	12.8	273	16.1	34	11.5	26	7.8
1971	558	14.0	222	11.5	336	16.3	194	11.9	292	17.0	28	9.3	44	13.0
1972	617	15.3	262	13.4	355	17.1	218	13.2	311	17.9	44	14.6	44	12.9
1973	641	15.7	272	13.8	369	17.4	225	13.4	319	18.0	47	15.5	50	14.5
1974	669	16.2	268	13.5	401	18.8	224	13.3	347	19.4	44	14.5	54	15.6
1975	622	14.9	247	12.2	375	17.3	201	11.7	331	18.2	46	14.9	44	12.6
1976	570	13.5	242	11.9	328	15.0	209	12.1	287	15.7	33	10.6	41	11.7
1977	582	13.5	245	11.8	337	15.1	210	12.0	304	16.3	35	11.1	33	9.3
1978	615	14.1	222	10.6	393	17.4	190	10.7	330	17.4	32	10.1	63	17.6
1979	642	14.7	243	11.5	399	17.6	205	11.4	349	18.3	38	11.9	50	13.9

INFLUENZA

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	282	7.9	147	8.4	135	7.4	102	7.0	97	6.4	45	16.0	38	12.3
1961	81	2.2	32	1.8	49	2.6	16	1.1	32	2.1	16	5.7	17	5.5
1962	183	5.0	81	4.6	102	5.5	57	3.8	60	3.9	24	8.4	42	13.4
1963	342	9.3	166	9.3	176	9.3	113	7.5	109	6.9	53	18.5	67	21.2
1964	52	1.4	24	1.3	28	1.5	17	1.1	18	1.1	7	2.4	10	3.1
1965	70	1.9	29	1.6	41	2.1	24	1.6	29	1.8	5	1.7	12	3.7
1966	78	2.1	30	1.6	48	2.5	23	1.5	35	2.2	7	2.4	13	4.0
1967	45	1.2	17	0.9	28	1.4	12	0.8	18	1.1	5	1.7	10	3.1
1968	185	4.8	92	4.9	93	4.7	72	4.6	78	4.7	20	6.8	15	4.6
1969	195	5.0	91	4.8	104	5.2	64	4.0	84	5.0	27	9.2	20	6.0
1970	174	4.4	89	4.7	85	4.2	77	4.8	75	4.4	12	4.0	10	3.0
1971	28	0.7	11	0.6	17	0.8	9	0.6	15	0.9	2	0.7	2	0.6
1972	122	3.0	60	3.1	62	3.0	53	3.2	56	3.2	7	2.3	6	1.8
1973	127	3.1	65	3.3	62	2.9	56	3.3	56	3.2	9	3.0	6	1.7
1974	79	1.9	44	2.2	35	1.6	38	2.3	33	1.8	6	2.0	2	0.6
1975	129	3.1	69	3.4	60	2.8	64	3.7	56	3.1	5	1.6	4	1.1
1976	156	3.7	68	3.3	88	4.0	61	3.5	78	4.3	7	2.3	10	2.9
1977	39	0.9	14	0.7	25	1.1	12	0.7	23	1.2	2	0.6	2	0.6
1978	66	1.5	24	1.1	42	1.9	22	1.2	38	2.0	2	0.6	4	1.1
1979	11	0.3	5	0.2	6	0.3	4	0.2	4	0.2	1	0.3	2	0.6

PNEUMONIA

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	1,167	32.6	628	36.0	539	29.4	442	30.2	418	27.5	186	66.1	121	39.2
1961	1,245	34.5	654	37.2	591	31.9	475	32.2	455	29.5	179	63.2	136	43.7
1962	1,260	34.5	690	38.9	570	30.5	493	33.1	441	28.3	197	69.2	129	41.1
1963	1,538	41.8	837	46.7	701	37.1	583	38.7	494	31.4	254	88.8	207	65.4
1964	1,471	39.6	813	45.0	658	34.4	583	38.4	503	31.6	230	80.8	155	48.6
1965	1,286	34.3	702	38.5	584	30.2	523	34.1	452	28.1	179	62.0	132	41.0
1966	1,357	35.8	721	39.2	636	32.6	526	34.0	480	29.5	195	67.2	156	48.1
1967	1,202	31.4	655	35.3	547	27.8	520	33.3	440	26.8	135	46.3	107	32.7
1968	1,192	30.9	632	33.8	560	28.1	470	29.8	446	26.8	162	55.2	114	34.6
1969	1,207	31.0	689	36.5	518	25.8	549	34.5	426	25.4	140	47.5	92	27.7
1970	1,177	29.9	620	32.6	557	27.4	477	29.7	462	27.2	143	48.2	95	28.4
1971	1,165	29.2	641	33.2	524	25.4	519	31.9	419	24.4	122	40.5	105	30.9
1972	1,142	28.3	636	32.6	506	24.3	519	31.5	431	24.8	117	38.8	75	22.1
1973	1,070	26.1	588	29.7	482	22.8	484	28.9	413	23.3	104	34.5	69	20.1
1974	945	22.9	500	25.1	445	20.8	425	25.2	389	21.7	75	24.7	56	16.2
1975	972	23.2	527	26.1	445	20.5	437	25.5	373	20.5	90	29.1	72	20.6
1976	1,084	25.7	592	29.1	492	22.6	488	28.3	423	23.1	104	33.4	69	19.7
1977	1,031	24.0	599	28.9	432	19.4	513	29.2	381	20.4	86	27.2	51	14.4
1978	1,093	25.1	568	27.0	525	23.3	480	26.9	458	24.1	88	27.7	67	18.7
1979	897	20.5	462	21.9	435	19.2	393	21.9	395	20.7	69	21.6	40	11.2

CHRONIC LIVER DISEASE AND CIRRHOSIS

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	190	5.3	125	7.2	65	3.5	114	7.8	57	3.7	11	3.9	8	2.6
1961	203	5.6	140	8.0	63	3.4	113	7.6	50	3.2	27	9.5	13	4.2
1962	206	5.6	130	7.3	76	4.1	110	7.4	51	3.3	20	7.0	25	8.0
1963	250	6.8	176	9.8	74	3.9	150	10.0	59	3.7	26	9.1	15	4.7
1964	254	6.8	161	8.9	93	4.9	135	8.9	75	4.7	26	9.0	18	5.6
1965	256	6.8	150	8.2	106	5.5	120	7.8	77	4.8	30	10.4	29	9.0
1966	248	6.5	147	8.0	101	5.2	126	8.1	85	5.2	21	7.2	16	4.9
1967	298	7.8	195	10.5	103	5.2	164	10.5	77	4.7	31	10.6	26	8.0
1968	297	7.7	194	10.4	103	5.2	168	10.7	78	4.7	26	8.9	25	7.6
1969	326	8.4	197	10.4	129	6.4	160	10.1	100	6.0	37	12.6	29	8.7
1970	393	10.0	267	14.0	126	6.2	225	14.0	95	5.6	42	14.2	31	9.3
1971	354	8.9	235	12.2	119	5.8	202	12.4	98	5.7	33	11.0	21	6.2
1972	353	8.8	243	12.5	110	5.3	204	12.4	82	4.7	39	12.9	28	8.2
1973	449	11.0	291	14.7	158	7.5	245	14.6	119	6.7	46	15.2	39	11.1
1974	444	10.8	284	14.3	160	7.5	241	14.3	128	7.1	43	14.1	32	9.3
1975	401	9.6	264	13.1	137	6.3	214	12.5	107	5.9	50	16.2	30	8.6
1976	387	9.2	258	12.7	129	5.9	235	13.6	110	6.0	23	7.4	19	5.4
1977	407	9.5	263	12.7	144	6.5	221	12.6	120	6.4	42	13.3	24	6.8
1978	398	9.1	278	13.2	120	5.3	240	13.5	95	5.0	38	11.9	25	7.0
1979	431	9.8	257	12.2	174	7.7	210	11.7	132	6.9	47	14.7	42	11.7

NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	316	8.8	187	10.7	129	7.0	124	8.5	79	5.2	63	22.4	50	16.2
1961	327	9.1	196	11.1	131	7.1	133	9.0	85	5.5	63	22.3	46	14.8
1962	302	8.3	173	9.7	129	6.9	122	8.2	75	4.8	51	17.9	54	17.2
1963	325	8.8	197	11.0	128	6.8	137	9.1	82	5.2	60	21.0	46	14.5
1964	305	8.2	154	8.5	151	7.9	103	6.8	106	6.7	51	17.7	45	14.1
1965	281	7.5	160	8.8	121	6.3	113	7.4	85	5.3	47	16.3	36	11.2
1966	247	6.5	153	8.3	94	4.8	106	6.8	61	3.7	47	16.2	33	10.2
1967	230	6.0	127	6.8	103	5.2	88	5.6	67	4.1	39	13.4	36	11.0
1968	220	5.7	123	6.6	97	4.9	90	5.7	56	3.4	33	11.3	41	12.4
1969	208	5.3	112	5.9	96	4.8	79	5.0	55	3.3	33	11.2	41	12.4
1970	192	4.9	101	5.3	91	4.5	67	4.2	54	3.2	34	11.5	37	11.1
1971	162	4.1	88	4.6	74	3.6	60	3.7	45	2.6	28	9.3	29	8.5
1972	193	4.8	110	5.6	83	4.0	67	4.1	49	2.8	43	14.3	34	10.0
1973	160	3.9	90	4.6	70	3.3	62	3.7	45	2.5	28	9.2	25	7.3
1974	185	4.5	106	5.3	79	3.7	70	4.1	41	2.3	36	11.8	38	11.0
1975	198	4.7	100	5.0	98	4.5	60	3.5	63	3.5	40	12.9	35	10.0
1976	201	4.8	93	4.6	108	5.0	65	3.8	61	3.3	28	9.0	47	13.4
1977	184	4.3	102	4.9	82	3.7	68	3.9	48	2.6	34	10.7	34	9.6
1978	230	5.3	119	5.7	111	4.9	71	4.0	64	3.4	48	15.1	47	13.2
1979	354	8.1	177	8.4	177	7.8	115	6.4	124	6.5	62	19.4	53	14.8

§Cause titles are shown according to the *Ninth Revision International Classification of Diseases*, 1975. Where necessary, regrouping of causes for 1960-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979. For more detailed information see page 9 of this Bulletin.
*Total includes one or more deaths with race and/or sex not stated.

TABLE III (Continued)—DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1960-1979§

CONGENITAL ANOMALIES

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	434	12.1	226	13.0	208	11.4	184	12.6	180	11.8	42	14.9	28	9.1
1961	*420	11.6	220	12.5	199	10.7	181	12.3	163	10.6	39	13.8	36	11.6
1962	405	11.1	223	12.6	182	9.7	179	12.0	151	9.7	44	15.5	31	9.9
1963	*422	11.5	241	13.5	180	9.5	187	12.4	147	9.3	54	18.9	33	10.4
1964	*447	12.0	242	13.4	203	10.6	188	12.4	155	9.7	54	18.8	48	15.0
1965	387	10.3	225	12.3	162	8.4	172	11.2	125	7.8	53	18.3	37	11.5
1966	*391	10.3	211	11.5	179	9.2	161	10.4	139	8.5	50	17.2	40	12.3
1967	*372	9.7	193	10.4	178	9.0	154	9.9	139	8.5	39	13.4	39	11.9
1968	376	9.7	207	11.1	169	8.5	167	10.6	141	8.5	40	13.6	28	8.5
1969	*339	8.7	187	9.9	151	7.5	157	9.9	120	7.1	30	10.2	31	9.3
1970	381	9.7	190	10.0	191	9.4	155	9.7	152	9.0	35	11.8	39	11.7
1971	339	8.5	195	10.1	144	7.0	171	10.5	113	6.6	24	8.0	31	9.1
1972	*384	9.5	215	11.0	168	8.1	172	10.4	132	7.6	43	14.3	36	10.6
1973	*325	7.9	166	8.4	158	7.5	134	8.0	131	7.4	32	10.5	27	7.9
1974	304	7.4	165	8.3	139	6.5	133	7.9	109	6.1	32	10.5	30	8.7
1975	298	7.1	155	7.7	143	6.6	123	7.2	121	6.7	32	10.4	22	6.3
1976	228	5.4	127	6.3	101	4.6	102	5.9	80	4.4	25	8.0	21	6.0
1977	281	6.5	163	7.9	118	5.3	123	7.0	99	5.3	40	12.6	19	5.4
1978	*278	6.4	153	7.3	124	5.5	126	7.1	92	4.8	27	8.5	32	9.0
1979	280	6.4	158	7.5	122	5.4	129	7.2	102	5.3	29	9.1	20	5.6

CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	*1,293	36.2	778	44.6	513	28.0	569	38.9	334	21.9	209	74.2	179	58.0
1961	1,256	34.8	756	42.9	500	27.0	545	36.9	356	23.1	211	74.6	144	46.2
1962	1,269	34.8	757	42.6	511	27.3	530	35.5	359	23.1	227	79.8	152	48.4
1963	1,192	32.4	693	38.7	498	26.3	482	32.0	330	21.0	211	73.8	168	53.1
1964	1,209	32.5	736	40.7	473	24.7	527	34.7	313	19.7	209	72.7	160	50.1
1965	*1,094	29.1	652	35.8	440	22.8	451	29.4	293	18.2	201	69.6	147	45.7
1966	*965	25.5	601	32.7	363	18.6	402	26.0	255	15.7	199	68.5	108	33.3
1967	*913	23.9	514	27.7	398	20.2	343	21.9	271	16.5	171	58.6	127	38.9
1968	*859	22.2	504	26.9	354	17.8	362	23.0	245	14.7	142	48.4	109	33.1
1969	881	22.6	500	26.5	381	18.9	342	21.5	243	14.5	158	53.6	138	41.6
1970	*889	22.6	511	26.9	377	18.6	387	24.1	239	14.1	124	41.8	138	41.2
1971	*847	21.2	483	25.0	362	17.6	340	20.9	262	15.2	143	47.5	100	29.5
1972	754	18.7	438	22.5	316	15.2	287	17.4	212	12.2	151	50.1	104	30.6
1973	*726	17.7	428	21.6	297	14.0	291	17.4	208	11.7	137	45.2	89	25.9
1974	*619	15.0	347	17.4	271	12.7	225	13.3	187	10.4	122	40.1	84	24.3
1975	526	12.6	290	14.4	236	10.9	184	10.8	153	8.4	106	34.3	83	23.7
1976	522	12.4	299	14.7	223	10.2	209	12.1	140	7.6	90	28.1	83	23.7
1977	481	11.2	287	13.8	194	8.7	194	11.0	124	6.6	93	29.4	70	19.7
1978	460	10.6	256	12.2	204	9.0	172	9.7	132	6.9	84	26.4	72	20.1
1979	464	10.6	263	12.5	201	8.9	157	8.8	117	6.1	106	33.2	84	23.4

ACCIDENTS AND ADVERSE EFFECTS

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	1,969	55.1	1,385	79.4	584	31.9	1,103	75.4	467	30.7	282	100.2	117	37.9
1961	1,825	50.5	1,244	70.7	581	31.4	1,024	69.3	461	29.9	220	77.7	120	38.5
1962	1,967	53.9	1,322	74.4	645	34.5	1,086	72.8	502	32.2	236	83.0	143	45.5
1963	2,100	57.0	1,477	82.4	623	32.9	1,213	80.6	511	32.4	264	92.3	112	35.4
1964	2,162	58.1	1,521	84.2	641	33.5	1,240	81.6	524	32.9	281	97.8	117	36.7
1965	2,247	59.9	*1,572	86.2	675	35.0	1,308	85.3	576	35.8	264	91.4	99	30.8
1966	2,468	65.1	1,718	93.4	750	38.4	1,445	93.3	594	36.5	273	94.8	156	48.1
1967	*2,466	64.5	1,813	97.8	653	33.1	1,499	95.9	554	33.7	314	107.6	99	30.3
1968	2,502	64.8	1,785	95.4	717	36.0	1,429	90.6	581	35.0	356	121.4	136	41.3
1969	2,531	64.9	1,779	94.3	752	37.4	1,448	91.0	607	36.2	331	112.3	145	43.7
1970	*2,582	65.7	*1,879	98.8	704	34.7	1,557	97.0	558	32.9	320	107.9	146	43.6
1971	2,467	61.8	1,742	90.4	722	35.0	1,475	90.6	593	34.5	270	89.7	129	38.0
1972	2,602	64.5	1,869	95.9	733	35.2	1,546	93.8	607	34.9	323	107.2	126	37.0
1973	*2,698	65.9	*1,926	97.4	772	36.5	1,629	97.3	639	36.8	296	97.6	133	38.7
1974	2,510	60.8	*1,769	88.8	741	34.7	1,519	90.0	612	34.2	250	82.2	129	37.4
1975	2,310	55.2	1,656	82.0	654	30.2	1,369	80.0	567	31.2	287	92.9	87	24.8
1976	2,262	53.7	1,632	80.3	630	28.9	1,406	81.7	550	30.0	226	72.6	80	22.9
1977	2,440	56.8	1,757	84.7	683	30.7	1,493	85.0	577	30.8	264	83.5	106	29.9
1978	2,460	56.5	1,794	85.4	666	29.5	1,526	85.6	566	29.8	268	84.2	100	28.0
1979	2,350	53.7	1,685	79.9	665	29.3	1,436	80.2	571	29.9	249	78.0	94	26.2

MOTOR VEHICLE ACCIDENTS

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	859	24.0	627	35.9	232	12.7	524	35.8	191	12.5	103	36.6	41	13.3
1961	795	22.0	573	32.6	222	12.0	495	33.5	197	12.8	78	27.6	25	8.0
1962	901	24.7	662	37.3	239	12.8	569	38.1	211	13.5	93	32.7	28	8.9
1963	977	26.5	721	40.2	256	13.5	619	41.1	225	14.3	102	35.7	31	9.8
1964	1,061	28.5	761	42.1	300	15.7	651	42.8	268	16.3	110	38.3	40	12.5
1965	1,143	30.4	845	46.3	298	15.4	737	48.0	270	16.8	108	37.4	28	8.7
1966	1,250	33.0	908	49.4	342	17.5	791	51.1	291	17.9	117	40.3	51	15.7
1967	1,286	33.6	954	51.4	332	16.8	818	52.3	289	17.6	136	46.6	43	13.2
1968	1,252	32.4	937	50.1	315	15.8	794	50.4	272	16.4	143	48.8	43	13.1
1969	1,358	34.8	991	52.5	367	18.2	816	51.3	303	18.0	175	59.4	64	19.3
1970	1,406	35.8	1,044	54.9	362	17.8	907	56.5	311	18.3	136	45.9	51	15.2
1971	1,337	33.5	986	51.1	351	17.0	873	53.6	304	17.7	113	37.6	47	13.8
1972	1,401	34.8	1,038	53.2	363	17.4	893	54.2	311	17.9	145	48.1	52	15.3
1973	1,442	35.2	1,071	54.2	371	17.5	930	55.6	316	17.8	141	46.5	55	16.0
1974	1,290	31.2	971	48.7	319	14.9	864	51.2	269	15.0	107	35.2	50	14.5
1975	1,142	27.3	843	41.7	299	13.8	707	41.3	264	14.5	136	44.0	35	10.0
1976	1,160	27.5	847	41.7	313	14.3	737	42.8	279	15.2	110	35.4	34	9.7
1977	1,245	29.0	944	45.5	301	13.5	814	46.3	268	14.3	130	41.1	33	9.3
1978	1,294	29.7	968	46.1	326	14.4	839	47.1	282	14.8	129	40.5	44	12.3
1979	1,268	28.9	935	44.3	333	14.7	811	45.3	293	15.3	124	38.8	40	11.2

SUICIDE

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	333	9.3	269	15.4	64	3.5	251	17.2	59	3.9	18	6.4	5	1.6
1961	346	9.6	275	15.6	71	3.8	268	18.1	68	4.4	7	2.5	3	1.0
1962	401	11.0	330	18.6	71	3.8	309	20.7	70	4.5	21	7.4	1	0.3
1963	359	9.7	289	16.1	70	3.7	269	17.9	68	4.3	20	7.0	2	0.6
1964	395	10.6	304	16.8	91	4.8	289	19.0	86	5.4	15	5.2	5	1.6
1965	379	10.1	281	15.4	98	5.1	264	17.2	92	5.7	17	5.9	6	1.9
1966	385	10.2	283	15.4	102	5.2	262	16.9	94	5.8	21	7.2	8	2.5
1967	404	10.6	307	16.6	97	4.9	295	18.9	90	5.5	12	4.1	7	2.1
1968	413	10.7	327	17.5	86	4.3	304	19.3	78	4.7	23	7.8	8	2.4
1969	461	11.8	361	19.1	100	5.0	338	21.2	92	5.5	23	7.8	8	2.4
1970	497	12.6	384	20.2	113	5.6	356	22.2	103	6.1	28	9.4	10	3.0
1971	490	12.3	377	19.5	113	5.5	358	22.0	103	6.0	19	6.3	10	2.9
1972	469	11.6	351	18.0	118	5.7	331	20.1	109	6.3	20	6.6	9	2.6
1973	490	12.0	373	18.9	117	5.5	349	20.9	111	6.3	24	7.9	6	1.7
1974	544	13.2	412	20.7	132	6.2	390	23.1	124	6.9	22	7.2	8	2.3
1975	567	13.5	417	20.6	150	6.9	384	22.4	141	7.8	33	10.7	9	2.6
1976	559	13.3	448	22.1	111	5.1	409	23.8	106	5.8	39	12.5	5	1.4
1977	588	13.7	444	21.4	144	6.5	411	23.4	132	7.1	33	10.4	12	3.4
1978	548	12.6	410	19.5	138	6.1	389	21.8	134	7.1	21	6.6	4	1.1
1979	607	13.9	442	20.9	165	7.3	412	23.0	153	8.0	30	9.4	12	3.3

HOMICIDE AND LEGAL INTERVENTION

YEAR	TOTAL						WHITE				NONWHITE			
	TOTAL		MALE		FEMALE		MALE		FEMALE		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1960	268	7.5	209	12.0	59	3.2	87	5.9	24	1.6	122	43.3	35	11.3
1961	263	7.3	216	12.3	47	2.5	94	6.4	24	1.6	122	43.1	23	7.4
1962	264	7.2	214	12.0	50	2.7	84	5.6	29	1.9	130	45.7	21	6.7
1963	266	7.2	218	12.2	48	2.5	105	7.0	26	1.7	113	39.5	22	7.0
1964	*307	8.3	246	13.6	60	3.1	118	7.8	42	2.6	128	44.5	18	5.6
1965	316	8.4	242	13.3	74	3.8	130	8.5	32	2.0	112	38.8	42	13.1
1966	333	8.8	270	14.7	63	3.2	130	8.4	34	2.1	140	48.5	29	8.9
1967	379	9.9	299	16.1	80	4.1	146	9.3	40	2.4	153	52.4	40	12.2
1968	*412	10.7	338	18.1	*74	3.7	174	11.0	31	1.9	164	55.9	42	12.8
1969	423	10.9	342	18.1	81	4.0	156	9.8	40	2.4	186	63.1	41	12.4
1970	441	11.2	331	17.4	110	5.4	178	11.1	62	3.7	153	51.6	48	14.3
1971	486	12.2	405	21.0	81	3.9	220	13.5	49	2.8	185	61.5	32	9.4
1972	549	13.6	441	22.6	108	5.2	219	13.3	59	3.4	222	73.7	49	14.4
1973	550	13.4	438	22.2	112	5.3	214	12.8	48	2.7	224	73.8	64	18.6
1974	569	13.8	464	23.3	105	4.9	232	13.7	58	3.2	232	76.3	47	13.6
1975	568	13.6	457	22.6	111	5.1	244	14.3	58	3.2	213	68.9	53	15.1
1976	492	11.7	395	19.4	97	4.4	209	12.1	56	3.1	186	59.8	41	11.7
1977	477	11.1	380	18.3	97	4.4	195	11.1	49	2.6	185	58.5	48	13.5
1978	456	10.5	374	17.8	82	3.6	193	10.8	48	2.5	181	56.9	34	9.5
1979	474	10.8	377	17.9	97	4.3	187	10.4	57	3.0	190	59.5	40	11.2

§Cause titles are shown according to the *Ninth Revision International Classification of Diseases*, 1975. Where necessary, regrouping of causes for 1960-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979. For more detailed information see page 9 of this Bulletin.
*Total includes one or more deaths with race and/or sex not stated.

TABLE IV—DEATHS ACCORDING TO CAUSE (9th Rev. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1979

CAUSE OF DEATH			AGE AT DEATH																	
			All Deaths	Under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over
ALL CAUSES	Total		*38,712	925	47	35	33	29	106	127	456	565	515	502	1,264	3,037	6,051	9,536	9,703	5,776
	White	M	*17,816	353	19	16	12	13	45	67	271	351	274	258	644	1,559	3,263	4,849	4,006	1,813
		F	*14,021	247	11	10	14	10	29	34	102	112	105	132	334	808	1,623	2,889	4,248	3,312
	Nonwhite	M	3,862	181	8	4	4	4	21	18	60	74	92	78	185	437	686	1,023	703	284
		F	3,013	144	9	5	3	2	11	8	23	28	44	34	101	233	479	775	746	367
Shigellosis and amebiasis (004,006)	Total		1				1													
	White	M																		
		F																		
	Nonwhite	M																		
		F	1				1													
Certain other intestinal infections (007-009)	Total		6	1		1						1				1	1			1
	White	M																		
		F	5	1		1										1	1			1
	Nonwhite	M																		
		F	1									1								
Tuberculosis, of respiratory system (010-012)	Total		51											2	2	3	5	14	16	9
	White	M	27												2	1	3	8	9	4
		F	13											1		1		1	5	5
	Nonwhite	M	6														1	3	2	
		F	5											1		1	1	2		
Tuberculosis, other forms (013-018)	Total		12												1	3	2	1	3	2
	White	M	2														1		1	
		F	6												1		1		2	2
	Nonwhite	M	3													2		1		
		F	1													1				
Whooping cough (033)	Total		1	1																
	White	M																		
		F																		
	Nonwhite	M																		
		F	1	1																
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	Total		1															1		
	White	M																		
		F	1																	
	Nonwhite	M																1		
		F																		
Meningococcal infection (036)	Total		10	6	2	1					1									
	White	M	9	5	2	1					1									
		F	1	1																
	Nonwhite	M																		
		F																		
Septicemia (038)	Total		98	5					1		1			1	3	9	13	26	26	13
	White	M	32	1							1				1	4	1	11	7	6
		F	36	1					1					1	1	2	6	9	10	5
	Nonwhite	M	14	2											1	2	1	2	6	
		F	16	1												1	5	4	3	2
Acute poliomyelitis (045)	Total																			
	White	M																		
		F																		
	Nonwhite	M																		
		F																		
Viral encephalitis (049.8-049.9, 062-064)	Total		4		1		1										1	1		
	White	M	1		1															
		F	1				1													
	Nonwhite	M	1																	
		F	1														1	1		
Measles (055)	Total																			
	White	M																		
		F																		
	Nonwhite	M																		
		F																		
Viral hepatitis (070)	Total		18							1	1	1	2	2	1	2	4	2	2	
	White	M	8										1	1	1	1	1	1	2	
		F	8								1		1	1		1	3	1		
	Nonwhite	M	1							1										
		F	1									1								
Rocky Mountain spotted fever (082.0)	Total		2						1										1	
	White	M	2						1										1	
		F																		
	Nonwhite	M																		
		F																		
Syphilis (090-097)	Total		6															4	2	
	White	M	2															2		
		F	1																1	
	Nonwhite	M	3															2	1	
		F																		
All other infectious and parasitic diseases (001-003, 005 020-032, 037, 039-041, 046-048, 049.0-049.1, 050-054, 056-061, 065-066, 071-081, 082.1-082.3, 082.8-082.9, 083-088, 098-139)	Total		65	5	2		1			1	4	2	2		7	5	8	14	10	4
	White	M	31	1	1					1	2		1		4	2	4	7	5	3
		F	21	3			1				1	1			1	2	4	4	3	1
	Nonwhite	M	7	1	1							1			1	1		1	1	
		F	6								1		1		1			2	1	
Malignant neoplasms (140-208)	Total		*7,792	3			4	6	14	15	23	28	38	74	284	911	1,889	2,393	1,568	541
	White	M	3,643	1			1	2	5	7	8	13	17	34	105	406	939	1,220	687	198
		F	*2,813	2			2	2	7	3	11	8	14	31	123	321	625	764	625	274
	Nonwhite	M	798					2	2	3	3	4	4	3	24	119	193	257	145	39
		F	538				1			2	1	3	3	6	32	65	132	152	111	30
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspec. nature (210-239)	Total		90	1					2		1	2	2		8	8	15	25	17	9
	White	M	32						1				2		1	2	9	7	8	2
		F	33	1											1	2		8	2	
	Nonwhite	M	11									1			3	4		11	6	7
		F	14						1		1	1			3		2	4	2	
Diabetes mellitus (250)	Total		552								2	1	7	6	1	2	4	3	1	
	White	M	169								1	1	4	2	16	42	106	142	171	59
		F	237											1	6	12	30	44	52	17
	Nonwhite	M	47								1		1	1	7	11	42	55	87	34
		F	99										2	2	1	7	11	14	7	4
Nutritional deficiencies (260-269)	Total		54	1										2	2	12	23	29	25	4
	White	M	18														5	11	20	17
		F	26														2	4	8	4
	Nonwhite	M	3	1													1	3	10	12
		F	7														1	1		
																	1	3	2	1

*Includes one or more deaths with race, sex, and/or age not stated.

TABLE IV (Continued)—DEATHS ACCORDING TO CAUSE (9th Rev. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1979

CAUSE OF DEATH			AGE AT DEATH																	
			All Deaths	Under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over
Anemias (280-285)	Total		55		2				1		1	3	1	1	5	1	4	16	12	7
	White	M	26								1	1			2		3	10	7	2
		F	15						1						1		1	5	3	4
	Nonwhite	M	6									1	1		1	1		1	1	
		F	8		2							1		1	1				1	1
Meningitis (320-322)	Total		17	6	2								1		2	2	1	2	1	
	White	M	6	1									1		1	1		2		
		F	4	2	1														1	
	Nonwhite	M	2		1											1				
		F	5	3											1		1			
Rheumatic fever and rheumatic heart disease (390-398)	Total		117							1	1	1	1		5	27	32	26	17	6
	White	M	42							1			1		1	11	12	8	8	
		F	69									1			4	15	18	17	9	5
	Nonwhite	M	2														1			1
		F	4								1					1	1	1		
Hypertensive heart disease (402)	Total		439										5	3	10	49	80	149	140	53
	White	M	108										1	1	1	9	13	47	27	9
		F	173													9	22	34	71	37
	Nonwhite	M	97											2	8	16	21	34	14	1
		F	111										3		1	15	24	34	28	6
Hypertensive heart and renal disease (404)	Total		55												1		11	9	22	12
	White	M	24														5	3	10	6
		F	14														2		7	5
	Nonwhite	M	6														2	2	1	1
		F	11												1		2	4	4	
Ischemic heart disease (410-414)	Total		10,729									3	13	27	220	737	1,774	2,997	3,131	1,827
	White	M	5,607									2	5	17	149	521	1,195	1,747	1,391	580
		F	3,834										1	3	25	109	341	864	1,410	1,081
	Nonwhite	M	693									1	5	3	31	68	146	207	155	77
		F	595										2	4	15	39	92	179	175	89
All other forms of heart disease (415-429)	Total		2,725	15	2	2	2	1		4	9	12	9	9	43	152	350	709	805	601
	White	M	953	7		1	2				4	7	5	2	18	64	144	281	262	156
		F	1,007	3						3	2	2	3	5	9	35	81	187	346	331
	Nonwhite	M	415	2	1	1				1	3	1	1	2	11	37	78	128	99	50
		F	350	3	1			1				2			5	16	47	113	98	64
Hypertension, with or without renal disease (401, 403)	Total		119											1	2	9	11	36	33	27
	White	M	41													4	4	12	11	10
		F	36													2	2	5	14	13
	Nonwhite	M	25												2	2	1	12	5	3
		F	17											1		1	4	7	3	1
Cerebrovascular disease (430-438)	Total		4,213	8					1		4	4	10	13	39	163	371	969	1,530	1,101
	White	M	1,424	2					1		1	2	3	2	13	50	138	366	544	302
		F	1,965	3							1	1	3	6	9	61	115	340	735	691
	Nonwhite	M	414	2							1	1	1	2	12	33	77	144	104	37
		F	410	1							1		3	3	5	19	41	119	147	71
Atherosclerosis (440)	Total		642											1		4	19	91	242	285
	White	M	205													2	12	38	73	80
		F	349													1	5	31	135	177
	Nonwhite	M	38											1		1	2	10	15	9
		F	50															12	19	19
Other diseases of arteries, arterioles and capillaries (441-448)	Total		322										2		3	21	62	93	107	54
	White	M	199										1		1	16	25	66	65	25
		F	86										1		1	4	11	17	29	23
	Nonwhite	M	19												1		5	7	5	1
		F	18													1	1	3	8	5
Acute bronchitis and bronchiolitis (466)	Total		14								3						1	4	4	2
	White	M	6								2						1	2	1	
		F	7															2	3	2
	Nonwhite	M	1								1									
		F																		
Pneumonia (480-486)	Total		897	32		1		1	2	3	7	2	1	6	16	21	68	149	288	300
	White	M	393	13		1				2	2	1		3	8	8	40	73	130	112
		F	395	11					1	1	2	1	1	3	6	5	24	47	124	169
	Nonwhite	M	69	4				1			3				2	5	2	24	17	11
		F	40	4					1							3	2	5	17	8
Influenza (487)	Total		11										1				1	3	2	4
	White	M	4														1	1	1	1
		F	4															1	1	2
	Nonwhite	M	1										1							
		F	2															1		1
Bronchitis, chronic and unspecified (490-491)	Total		84		1							1	1			2	16	29	24	10
	White	M	46									1				1	8	15	13	8
		F	32										1			1	7	13	8	2
	Nonwhite	M	4		1												1	1	1	
		F	2																2	
Emphysema (492)	Total		240												1	11	43	97	71	17
	White	M	172												1	6	26	77	48	14
		F	48													4	13	11	17	3
	Nonwhite	M	17													1	2	8	6	
		F	3														2	1		
Asthma (493)	Total		45						1			1	1	2	2	5	8	9	12	4
	White	M	18												1	2	5	3	4	3
		F	18									1	1	1		1		5	8	1
	Nonwhite	M	2													1		1		
		F	7						1					1	1	1	3			
Other chronic obstructive pulmonary disease and allied conditions (494-496)	Total		683											2	5	45	140	242	190	59
	White	M	467												2	23	95	172	138	37
		F	143											1	1	16	31	43	35	16
	Nonwhite	M	56											1	2	4	8	23	14	4
		F	17													2	6	4	3	2
Ulcer of stomach and duodenum (531-533)	Total		104											1	3	10	17	22	33	18
	White	M	48											1		4	7	12	12	12
		F	41												3	4	7	4	18	5
	Nonwhite	M	8													1	2	3	1	1
		F	7													1	1	3	2	
Appendicitis (540-543)	Total		12										1		1	2	2	3	3	
	White	M	1															1		
		F	4												1		1	1	1	
	Nonwhite	M	4													1		1	2	
		F	3										1			1	1			

*Includes one or more deaths with race, sex, and/or age not stated.

TABLE IV (Continued)—DEATHS ACCORDING TO CAUSE (9th Rev. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1979

CAUSE OF DEATH			AGE AT DEATH																	
			All Deaths	Under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over
Hernia and intestinal obstruction (550-553, 560)	Total		81	2	1				1			1		1	2	3	6	27	22	15
	White	M	26	2										1			3	9	7	4
		F	31													1	3	9	9	9
	Nonwhite	M	11		1				1						1	2		4		2
		F	13									1			1			5	6	
Chronic liver disease and cirrhosis (571)	Total		431			1				1			4	31	40	107	135	92	32	8
	White	M	210										2	6	21	54	66	46	12	3
		F	132											3	10	27	40	31	16	5
	Nonwhite	M	47			1								2	3	17	14	7	3	
		F	42							1			2		6	9	15	8	1	
Cholelithiasis and other disorders of gallbladder (574-575)	Total		76									1		1		5	10	20	21	18
	White	M	21													3	5	7	5	1
		F	47									1		1			4	10	15	16
	Nonwhite	M	6													2	1	2	1	
		F	2															1		1
Acute glomerulonephritis and nephrotic syndrome (580-581)	Total		12							1				2		1	1	1	3	3
	White	M	1											1						
		F	7											1				1	3	2
	Nonwhite	M	1							1										
		F	3													1	1			1
Chronic glomerulonephritis and unspecified nephritis, nephropathy and renal sclerosis (582-583, 587)	Total		101								1	1	2		2	8	12	22	37	16
	White	M	32									1	2			1	5	6	12	5
		F	30												1	3		7	12	7
	Nonwhite	M	16								1					3	4	3	3	2
		F	23												1	1	3	6	10	2
Renal failure, disorders resulting from impaired renal function and small kidney of unknown cause (584-586, 588-589)	Total		241	6						1	2	2	3	1	6	17	34	53	71	45
	White	M	82	2						1		1			1	3	11	21	27	15
		F	87										2			2	11	22	29	21
	Nonwhite	M	45	2							2	1	1		2	5	8	8	10	6
		F	27	2										1	3	7	4	2	5	3
Infections of kidney (590)	Total		81								1					4	6	16	26	28
	White	M	27													2	3	5	10	7
		F	42								1					2	1	6	13	19
	Nonwhite	M	5															3	2	
		F	7														2	2	1	2
Hyperplasia of prostate (600)	Total		16															3	11	2
	White	M	11															2	8	1
	Nonwhite	M	5															1	3	1
Complications of pregnancy, childbirth and the puerperium (630-676)	Total		9								1	3	2	1	2					
	White	F	3								1			1	1					
	Nonwhite	F	6									3	2		1					
Congenital anomalies (740-759)	Total		280	178	8	3	5	4	10	11	4	8	8	3	7	7	10	6	5	3
	White	M	129	87	3	2	3	1	6	5	2	5	5	1	1	3	1	3	1	
		F	102	58	3	1	1	3	1	6	2	2	1	2	5	3	7	2	4	1
	Nonwhite	M	29	21	2				1			1					1	1		2
		F	20	12			1		2				2		1	1	1			
Birth trauma, intrauterine hypoxia, birth asphyxia and respiratory distress syndrome (767-769)	Total		136	135						1										
	White	M	58	58																
		F	44	43						1										
	Nonwhite	M	24	24																
		F	10	10																
Other conditions originating in the perinatal period (760-766, 770-779)	Total		328	325	1								1			1				
	White	M	99	97	1								1							
		F	73	72												1				
	Nonwhite	M	82	82																
		F	74	74																
Symptoms, signs and ill-defined conditions (780-799)	Total		*908	128	1				1	3	4	1	4	6	19	72	132	196	209	131
	White	M	*434	46									3	2	11	35	79	113	103	41
		F	299	27					1	2	4	1	1	2	7	24	34	53	74	69
	Nonwhite	M	86	33										2		7	9	15	14	6
		F	89	22	1					1					1	6	10	15	18	15
All other diseases (240-246, 251-259, 270-279, 286-319, 323-389, 451-465, 470-478, 494-530, 534-537, 555-558, 562-570, 572-573, 576-579, 591-599, 601-629, 680-739)	Total		2,151	34	8	6	2	2	12	12	24	31	38	36	92	187	318	497	533	319
	White	M	834	11	4	1		2	3	4	13	15	7	11	37	80	150	205	197	94
		F	871	11		3	2		5	5	5	11	16	13	24	51	91	199	255	180
	Nonwhite	M	251	7	1	1			4	1	3	4	9	9	17	40	45	54	42	14
		F	195	5	3	1				2	3	1	6	3	14	16	32	39	39	31
Motor vehicle accidents (E810-E825)	Total		1,268	10	8	8	9	7	35	40	210	215	136	111	124	112	107	78	45	13
	White	M	811	6	4	3	3	3	15	26	141	159	92	74	77	75	60	46	21	6
		F	293	3	3	3	5	3	5	9	48	42	28	23	28	27	26	22	14	4
	Nonwhite	M	124				1	1	12	4	14	11	14	11	16	6	18	7	7	2
		F	40	1	1	2			3	1	7	3	2	3	3	4	3	3	3	1
All other accidents and adverse effects (E800-E807, E826-E949)	Total		*1,082	22	8	11	8	8	20	24	60	85	76	48	96	101	121	131	141	121
	White	M	*625	13	3	7	3	5	13	14	43	65	50	31	69	67	84	75	45	37
		F	278	5	4	1	2	2	4	4	8	12	10	6	13	17	19	30	73	68
	Nonwhite	M	125			1	3		1	6	6	7	11	10	12	17	15	16	11	9
		F	54	4	1	2		1	2		3	1	5	1	2		3	10	12	7
Suicide (E950-E959)	Total		607							3	36	70	58	55	93	97	74	76	36	9
	White	M	412							3	31	44	35	32	63	60	49	59	28	8
		F	153								5	18	15	18	26	32	17	15	6	1
	Nonwhite	M	30									5	7	4	4	4	3	2	1	
		F	12									3	1	1		1	5		1	
Homicide and legal intervention (E960-E978)	Total		*474						3	4	42	71	73	67	85	63	37	22	4	2
	White	M	*187							2	11	26	27	32	36	23	18	9	2	
		F	57						3		4	5	5	6	17	6	5	4		2
	Nonwhite	M	190							1	22	34	32	23	30	29	10	7	2	
		F	40							1	5	6	9	6	2	5	4	2		
All other external causes (E980-E999)	Total		94	1		1			1	1	13	14	12	8	16	7	8	7	4	1
	White	M	51							1	7	7	8	4	10	3	5	3	3	
		F	26			1					6	4	1	2	6	2	1	2	1	
	Nonwhite	M	12									2	3	2		2	1	1		1
		F	5	1					1			1					1	1		

*Includes one or more deaths with race, sex, and/or age not stated.

TABLE V—DEATHS ACCORDING TO 211 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1979

CAUSE OF DEATH	TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate
ALL CAUSES*	38,712	8.8	31,837	8.6	6,875	10.1
Typhoid and paratyphoid fevers (002)						
Shigellosis (004)	1	0.0			1	0.1
Other salmonella infections and other food poisoning (bacterial) (003, 005)	1	0.0	1	0.0		
Amebiasis (006)						
Certain other intestinal infections (007-009)	6	0.1	5	0.1	1	0.1
Tuberculosis of respiratory system (010-012)	51	1.2	40	1.1	11	1.6
Other tuberculosis, excluding late effects (013-018)	12	0.3	8	0.2	4	0.6
Brucellosis (023)						
Diphtheria (032)						
Whooping cough (033)	1	0.0			1	0.1
Streptococcal sore throat and scarlatina (034)						
Erysipelas (035)	1	0.0	1	0.0		
Meningococcal infection (036)	10	0.2	10	0.3		
Tetanus (037)						
Septicemia (038)	98	2.2	68	1.8	30	4.4
All other bacterial diseases (001, 020-022, 024-027, 030, 031, 039-041)	5	0.1	5	0.1		
Acute poliomyelitis (045)						
Viral encephalitis (049.8-049.9, 062-064)	4	0.1	2	0.1	2	0.3
Measles (055)						
Rubella (056)						
Viral hepatitis (070)	18	0.4	16	0.4	2	0.3
All other viral diseases (046-049.1, 050-054, 057, 060, 061, 065, 066, 071-079)	15	0.3	13	0.4	2	0.3
Rocky Mountain spotted fever (082.0)	2	0.0	2	0.1		
Other rickettsioses (080, 081, 082.1-083)						
Malaria (084)						
Cardiovascular syphilis (093)	4	0.1	2	0.1	2	0.3
Neurosyphilis (094)	2	0.0	1	0.0	1	0.1
All other syphilis (090-092, 095-097)						
Gonococcal infections (098)	1	0.0	1	0.0		
Candidiasis (112)	9	0.2	8	0.2	1	0.1
Histoplasmosis (115)	2	0.0	2	0.1		
All other mycoses (110, 111, 114, 116-118)	11	0.3	10	0.3	1	0.1
Helminthiases (120-129)						
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (085-088, 099-104, 130-139)	21	0.5	12	0.3	9	1.3
Malignant neoplasm of lip, oral cavity, and pharynx (140-149)	152	3.5	130	3.5	22	3.2
Malignant neoplasm of esophagus (150)	143	3.3	84	2.3	59	8.7
Malignant neoplasm of stomach (151)	220	5.0	162	4.4	58	8.6
Malignant neoplasm of small intestine, including duodenum (152)	14	0.3	14	0.4		
Malignant neoplasm of colon (153)	785	17.9	659	17.8	126	18.6
Malignant neoplasm of rectum, rectosigmoid junction and anus (154)	153	3.5	133	3.6	20	2.9
Malignant neoplasm of liver and intrahepatic bile ducts (155)	100	2.3	79	2.1	21	3.1
Malignant neoplasm of gallbladder and extra-hepatic bile ducts (156)	65	1.5	55	1.5	10	1.5
Malignant neoplasm of pancreas (157)	412	9.4	342	9.2	70	10.3
Malignant neoplasm of retroperitoneum, peritoneum, and other ill-defined sites within the digestive organs and peritoneum (158-159)	33	0.8	29	0.8	4	0.6
Malignant neoplasm of larynx (161)	67	1.5	54	1.5	13	1.9
Malignant neoplasm of trachea, bronchus, and lung (162)	2,104	48.0	1,780	48.1	324	47.8
Malignant neoplasm of all other and ill-defined sites within the respiratory system and intrathoracic organs (160, 163-165)	33	0.8	25	0.7	8	1.2
Malignant neoplasm of bone and articular cartilage and of connective and other soft tissue (170-171)	65	1.5	57	1.5	8	1.2
Malignant neoplasm of skin (172-173)	197	4.5	186	5.0	11	1.6
Malignant neoplasm of female breast (174)	572	13.1	472	12.7	100	14.7
Malignant neoplasm of male breast (175)	3	0.1	3	0.1		
Malignant neoplasm of cervix uteri (180)	131	3.0	102	2.8	29	4.3
Malignant neoplasm of other parts of uterus (179, 181, 182)	97	2.2	74	2.0	23	3.4
Malignant neoplasm of other female genital organs (183-184)	250	5.7	213	5.8	37	5.5

CAUSE OF DEATH	TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate
Malignant neoplasm of prostate (185)	418	9.5	307	8.3	111	16.4
Malignant neoplasm of other male genital organs (186-187)	16	0.4	13	0.4	3	0.4
Malignant neoplasm of bladder (188)	169	3.9	148	4.0	21	3.1
Malignant neoplasm of kidney and other and unspecified urinary organs (189)	143	3.3	120	3.2	23	3.4
Malignant neoplasm of brain (191)	232	5.3	213	5.8	19	2.8
Malignant neoplasm of all other and unspecified sites (190, 192-195, 199)	544	12.4	428	11.6	116	17.1
Lymphosarcoma and reticulosarcoma (200)	88	2.0	79	2.1	9	1.3
Hodgkin's disease (201)	48	1.1	43	1.2	5	0.7
Other malignant neoplasm of lymphoid and histiocytic tissue (202)	131	3.0	121	3.3	10	1.5
Multiple myeloma and immunoproliferative neoplasms (203)	128	2.9	94	2.5	34	5.0
Lymphoid leukemia (204)	84	1.9	70	1.9	14	2.1
Myeloid leukemia (205)	141	3.2	119	3.2	22	3.2
Other and unspecified leukemia (206-208)	54	1.2	48	1.3	6	0.9
Benign neoplasms (210-229)	39	0.9	28	0.8	11	1.6
Carcinoma in situ (230-234)						
Neoplasms of uncertain behavior and unspecified nature (235-239)	51	1.2	37	1.0	14	2.1
Disorders of thyroid gland (240-246)	19	0.4	15	0.4	4	0.6
Diabetes mellitus (250)	552	12.6	406	11.0	146	21.5
Diseases of other endocrine glands (251-259)	11	0.3	10	0.3	1	0.1
Nutritional deficiences (260-269)	54	1.2	44	1.2	10	1.5
Other metabolic disorders and immunity disorders (270-279)	135	3.1	88	2.4	47	6.9
Anemias (280-285)	55	1.3	41	1.1	14	2.1
All other diseases of blood and blood-forming organs (286-289)	46	1.1	38	1.0	8	1.2
Psychoses (290-299)	38	0.9	34	0.9	4	0.6
Alcohol dependence syndrome (303)	112	2.6	70	1.9	42	6.2
Drug dependence (304)	1	0.0	1	0.0		
Other neurotic, personality, and nonpsychotic mental disorders (300-302, 305-316)	97	2.2	86	2.3	11	1.6
Mental retardation (317-319)	9	0.2	9	0.2		
Meningitis (320-322)	17	0.4	10	0.3	7	1.0
Parkinson's disease (332)	46	1.1	44	1.2	2	0.3
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	111	2.5	97	2.6	14	2.1
Multiple sclerosis (340)	12	0.3	11	0.3	1	0.1
Infantile cerebral palsy (343)	14	0.3	11	0.3	3	0.4
Epilepsy (345)	47	1.1	34	0.9	13	1.9
All other diseases of central nervous system (323-326, 338-339, 341-342, 344, 346-359)	95	2.2	78	2.1	17	2.5
Disorders of the eye and adnexa (360-379)						
Diseases of the ear and mastoid process (380-389)	3	0.1	2	0.1	1	0.1
Acute rheumatic fever (390-392)	2	0.0	2	0.1		
Diseases of mitral valve (394)	53	1.2	50	1.4	3	0.4
Diseases of aortic valve (395)	2	0.0	2	0.1		
Diseases of mitral and aortic valves (396)	8	0.2	7	0.2	1	0.1
All other chronic rheumatic heart disease (393, 397-398)	52	1.2	50	1.4	2	0.3
Essential hypertension (401)	24	0.5	19	0.5	5	0.7
Hypertensive heart disease (402)	489	11.2	281	7.6	208	30.7
Hypertensive renal disease (403)	95	2.2	58	1.6	37	5.5
Hypertensive heart and renal disease (404)	55	1.3	38	1.0	17	2.5
Acute myocardial infarction (410)	7,160	163.5	6,331	171.0	829	122.3
Other acute and subacute forms of ischemic heart disease (411)	68	1.6	55	1.5	13	1.9
Angina pectoris (413)	3	0.1	2	0.1	1	0.1
Old myocardial infarction and other forms of chronic ischemic heart disease (412, 414)	3,498	79.9	3,053	82.5	445	65.6
Diseases of pulmonary circulation (415-417)	220	5.0	162	4.4	58	8.6
Acute pericarditis, acute and subacute endocarditis, acute myocarditis, and other diseases of pericardium (420-423)	22	0.5	17	0.5	5	0.7
Other diseases of endocardium (424)	105	2.4	94	2.5	11	1.6
Cardiomyopathy (425)	136	3.1	89	2.4	47	6.9
Heart failure (428)	424	9.7	355	9.6	69	10.2
All other and ill-defined forms of heart disease (426-427, 429)	1,818	41.5	1,243	33.6	575	84.8

*Rate per 1,000 population.

TABLE V (Continued)—DEATHS ACCORDING TO 211 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1979

CAUSE OF DEATH	TOTAL		WHITE		NONWHITE	
	No.	Rate	No.	Rate	No.	Rate
Subarachnoid hemorrhage (430)	137	3.1	111	3.0	26	3.8
Intracerebral and other and unspecified intracranial hemorrhage (431-432)	493	11.3	350	9.5	143	21.1
Occlusion and stenosis of precerebral arteries (433)	39	0.9	34	0.9	5	0.7
Occlusion of cerebral arteries (434)	808	18.4	683	18.4	125	18.4
Acute but ill-defined cerebrovascular disease (436)	2,164	49.4	1,751	47.3	413	60.9
Other and ill-defined and late effects of cerebrovascular disease (435, 437-438)	572	13.1	460	12.4	112	16.5
Atherosclerosis (440)	642	14.7	554	15.0	88	13.0
Aortic aneurysm (441)	205	4.7	185	5.0	20	2.9
All other diseases of arteries, arterioles, and capillaries (442-448)	117	2.7	100	2.7	17	2.5
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	123	2.8	99	2.7	24	3.5
Acute bronchitis and bronchiolitis (466)	14	0.3	13	0.4	1	0.1
Viral pneumonia (480)	14	0.3	13	0.4	1	0.1
Pneumococcal and other bacterial pneumonia (481-482)	84	1.9	69	1.9	15	2.2
Bronchopneumonia, organism unspecified (485)	216	4.9	196	5.3	20	2.9
Pneumonia due to other and unspecified organism (483, 486)	583	13.3	510	13.8	73	10.8
Influenza (487)	11	0.3	8	0.2	3	0.4
Bronchitis, chronic and unspecified (490-491)	84	1.9	78	2.1	6	0.9
Emphysema (492)	240	5.5	220	5.9	20	2.9
Asthma (493)	45	1.0	36	1.0	9	1.3
Chronic airways obstruction, not elsewhere classified (496)	667	15.2	596	16.1	71	10.5
Empyema and abcess of lung and mediastinum (510, 513)	21	0.5	16	0.4	5	0.7
Pleurisy (511)	8	0.2	6	0.2	2	0.3
All other diseases of the respiratory system (460-465, 470-478, 494-495, 500-508, 512, 514-519)	292	6.7	240	6.5	52	7.7
Diseases of oral cavity, salivary glands, and jaws (520-529)	2	0.0	2	0.1	.....	.....
Gastric ulcer (531)	30	0.7	27	0.7	3	0.4
Duodenal ulcer (532)	42	1.0	35	0.9	7	1.0
Peptic ulcer, site unspecified (533)	32	0.7	27	0.7	5	0.7
Gastritis and duodenitis (535)	8	0.2	8	0.2	.....	.....
Other diseases of esophagus, stomach, and duodenum (530, 534, 536, 537)	30	0.7	22	0.6	8	1.2
Appendicitis (540-543)	12	0.3	5	0.1	7	1.0
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553, 560)	81	1.8	57	1.5	24	3.5
Regional enteritis and idiopathic proctocolitis (555-556)	13	0.3	12	0.3	1	0.1
All other noninfective gastroenteritis and colitis (557-558)	137	3.1	116	3.1	21	3.1
Diverticula of intestine (562)	59	1.3	54	1.5	5	0.7
Chronic liver disease and cirrhosis (571)	431	9.8	342	9.2	89	13.1
Cholelithiasis and other disorders of gallbladder (574-575)	76	1.7	68	1.8	8	1.2
All other diseases of digestive system (564-570, 572-573, 576-579)	300	6.8	241	6.5	59	8.7
Acute glomerulonephritis (580)	3	0.1	2	0.1	1	0.1
Nephrotic syndrome (581)	9	0.2	6	0.2	3	0.4
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583, 587)	101	2.3	62	1.7	39	5.8
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586, 588-589)	241	5.5	169	4.6	72	10.6
Infections of kidney (590)	81	1.8	69	1.9	12	1.8
Urinary calculus (592, 594)	12	0.3	9	0.2	3	0.4
All other diseases of urinary system (591, 593, 595-599)	190	4.3	136	3.7	54	8.0
Hyperplasia of prostate (600)	16	0.4	11	0.3	5	0.7
Other diseases of male genital organs (601-608)	8	0.2	6	0.2	2	0.3
Disorders of breast (610-611)	.....	.....	.....	.....	.....	.....
Diseases of female genital organs (614-629)	7	0.2	4	0.1	3	0.4
Pregnancy with abortive outcome (630-638)	.....	.....	.....	.....	.....	.....
Hemorrhage of pregnancy and childbirth 640-641, 666)	1	0.0	1	0.0	.....	.....
Toxemia of pregnancy, childbirth and the puerperium (642.4-642.9, 643)	.....	.....	.....	.....	.....	.....
Other complications of pregnancy, childbirth and the puerperium (642.0-642.3, 644-665, 667-676)	8	0.2	2	0.1	6	0.9
Infections of skin and subcutaneous tissue (680-686)	13	0.3	10	0.3	3	0.4
All other inflammatory conditions and diseases of skin and subcutaneous tissue (690-709)	30	0.7	13	0.4	17	2.5
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	39	0.9	37	1.0	2	0.3
Other arthropathies and related disorders (710-712, 715-719)	55	1.3	41	1.1	14	2.1
Dorsopathies (720-724)	1	0.0	1	0.0	.....	.....
Rheumatism, excluding the back (725-729)	9	0.2	6	0.2	3	0.4
Osteopathies, chondropathies, and acquired musculoskeletal deformities (730-739)	14	0.3	12	0.3	2	0.3
Spina bifida (741)	8	0.2	8	0.2	.....	.....
All other congenital anomalies of nervous system (740,742)	40	0.9	34	0.9	6	0.9
Congenital anomalies of heart (745-746)	95	2.2	74	2.0	21	3.1
Other congenital anomalies of circulatory system (747)	33	0.8	30	0.8	3	0.4
All other congenital anomalies (743-744, 748-759)	104	2.4	85	2.3	19	2.8
Certain conditions originating in the perinatal period:						
Immaturity (765)	64	1.5	33	0.9	31	4.6
Birth trauma (767)	20	0.5	15	0.4	5	0.7
Intrauterine hypoxia and birth asphyxia (768)	40	0.9	28	0.8	12	1.8
Respiratory distress syndrome (769)	76	1.7	59	1.6	17	2.5
All other conditions originating in the perinatal period (760-764, 766, 770-779)	264	6.0	139	3.8	125	18.4
Senility without mention of psychosis (797)	25	0.6	21	0.6	4	0.6
Symptoms, signs, and ill-defined conditions (780-796, 798-799)	883	20.2	712	19.2	171	25.2
Railway accidents (E800-E807)	6	0.1	5	0.1	1	0.1
Motor vehicle traffic accident involving collison with another motor vehicle (E811-E812)	537	12.3	477	12.9	60	8.8
Motor vehicle traffic accident involving collision with other vehicle or object (E813, E815)	135	3.1	119	3.2	16	2.4
Motor vehicle traffic accident involving collision with pedestrian (E814)	152	3.5	114	3.1	38	5.6
Motor vehicle accident not involving collision on highway (E816-E818)	344	7.9	309	8.3	35	5.2
Motor vehicle traffic accidents of other and unspecified nature (E810, E819)	71	1.6	58	1.6	13	1.9
Motor vehicle nontraffic accidents (E820-E825)	29	0.7	27	0.7	2	0.3
Other road vehicle accidents (E826-E829)	6	0.1	6	0.2	.....	.....
Water transport accidents (E830-E838)	34	0.8	31	0.8	3	0.4
Air and space transport accidents (E840-E845)	20	0.5	18	0.5	2	0.3
Vehicle accidents not elsewhere classifiable (E846-E848)	2	0.0	2	0.1	.....	.....
Accidental poisoning by drugs, medicaments and biologicals (E850-E858)	44	1.0	39	1.1	5	0.7
Accidental poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	40	0.9	29	0.8	11	1.6
Misadventures during surgical and medical care, abnormal reactions, and late complications (E870-E879)	30	0.7	22	0.6	8	1.2
Accidental falls (E880-E888)	275	6.3	251	6.8	24	3.5
Accidents caused by fire and flames (E890-E899)	133	3.0	97	2.6	36	5.3
Accidents due to natural and environmental factors (E900-E909)	41	0.9	28	0.8	13	1.9
Accidental drowning and submersion (E910)	106	2.4	83	2.2	23	3.4
Suffocation by food or other objects (E911-E912)	80	1.8	67	1.8	13	1.9
Accident caused by firearm missile (E922)	55	1.3	46	1.2	9	1.3
All other accidents and late effects of accidental injury (E913-E921, E923-E929)	207	4.7	176	4.8	31	4.6
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	3	0.1	3	0.1	.....	.....
Suicide and selfinflicted injury by firearms and explosives (E955)	453	10.3	423	11.4	30	4.4
All other suicides and selfinflicted injuries (E950-E954, E956-E959)	154	3.5	142	3.8	12	1.8
Assault by firearms and explosives (E965)	368	8.4	191	5.2	177	26.1
All other homicides and injury purposely inflicted by other persons (E960-E964, E966-E969)	104	2.4	52	1.4	52	7.7
Legal intervention (E970-E978)	2	0.0	1	0.0	1	0.1
Injury by firearms and explosives, undetermined whether accidentally or purposely inflicted (E985)	48	1.1	44	1.2	4	0.6
All other injury, undetermined whether accidentally or purposely inflicted (E980-E984, E986-E989)	45	1.0	32	0.9	13	1.9
Injury resulting from operations of war (E990-E999)	1	0.0	1	0.0	.....	.....

*Rate per 1,000 population.

TABLE VI—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINIATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	STATE						ANDERSON						BEDFORD						BENTON					
Estimated Population, July 1, 1979	TOTAL 4,380,000		WHITE 3,702,000		NONWHITE 678,000		TOTAL 65,400		WHITE 62,902		NONWHITE 2,498		TOTAL 26,500		WHITE 23,662		NONWHITE 2,838		TOTAL 13,800		WHITE 13,369		NONWHITE 431	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	68,326	15.6	52,303	14.1	16,021	23.6	899	13.7	845	13.4	54	21.6	435	16.4	378	16.0	57	20.1	179	13.0	172	12.9	7	16.2
ILLEGITIMATE BIRTHS	13,065	19.1	4,230	8.1	8,835	55.1	118	13.1	89	10.5	29	53.7	61	14.0	33	8.7	28	49.1	17	9.5	13	7.6	4	....
LOW-WEIGHT BIRTHS (Less than 2500 grams)	5,390	7.9	3,383	6.5	2,007	12.5	68	7.6	60	7.1	8	14.8	42	9.7	33	8.7	9	15.8	14	7.8	13	7.6	1	....
INFANT DEATHS (Under one year of age)	925	13.5	600	11.5	325	20.3	6	6.7	6	7.1	....	....	6	13.8	6	15.9	....	....	2	11.2	2	11.6	....	....
Neonatal Deaths (Under 28 days of age)	620	9.1	397	7.6	223	13.9	5	5.6	5	5.9	....	....	4	9.2	4	10.6	....	....	2	11.2	2	11.6	....	....
Under 7 days of age	508	....	324	....	184	....	5	....	5	....	....	....	3	....	3	....	....	....	2	....	2	....	....	....
7-27 days of age	112	....	73	....	39	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....
MATERNAL DEATHS (ICD codes 630-676)	9	1.3	3	0.6	6	3.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
FETAL DEATHS	632	9.2	428	8.2	196	12.2	9	10.0	8	9.5	1	18.5	6	13.8	5	13.2	1	17.5	....	....	....	....	....	....
INDUCED TERMINATIONS OF PREGNANCY	18,713	273.9	13,624	260.5	5,060	315.8	238	264.7	220	260.4	18	333.3	50	114.9	41	108.5	8	140.4	27	150.8	26	151.2	1	....
TOTAL DEATHS	38,712	8.8	31,837	8.6	6,875	10.1	511	7.8	490	7.8	21	8.4	273	10.3	242	10.2	31	10.9	156	11.3	152	11.4	4	9.3
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)	1	0.0	....	....	1	0.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Certain other intestinal infections (007-009)	6	0.1	5	0.1	1	0.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Tuberculosis, all forms (010-018)	63	1.4	48	1.3	15	2.2	1	1.5	1	1.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Whooping cough (033)	1	0.0	....	....	1	0.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Streptococcal sore throat, scarlatina & erysipelas (034-035)	1	0.0	1	0.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Meningococcal infection (036)	10	0.2	10	0.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Septicemia (038)	98	2.2	68	1.8	30	4.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Acute poliomyelitis (045)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral encephalitis (049.8-049.9, 062-064)	4	0.1	2	0.1	2	0.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Measles (055)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral hepatitis (070)	18	0.4	16	0.4	2	0.3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Rocky Mtn. spotted fever (082.0)	2	0.0	2	0.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Syphilis (090-097)	6	0.1	3	0.1	3	0.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
All other infectious & parasitic diseases (remainder of 001-139)	65	1.5	52	1.4	13	1.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Malignant neoplasms (140-208)	7,792	177.9	6,456	174.4	1,336	197.1	116	177.4	112	178.1	4	....	50	188.7	42	177.5	8	....	32	231.9	30	224.4	2	....
Lip, oral cavity & pharynx (140-149)	152	3.5	130	3.5	22	3.2	1	1.5	1	1.6	....	....	2	7.5	2	8.5	....	....	2	14.5	2	15.0	....	....
Digestive organs & peritoneum (150-159)	1,925	43.9	1,557	42.1	368	54.3	26	39.8	26	41.3	....	....	16	60.4	15	63.4	1	....	10	72.5	8	59.8	2	....
Respiratory & intrathoracic organs (160-165)	2,204	50.3	1,859	50.2	345	50.9	33	50.5	29	46.1	4	....	9	34.0	6	25.4	3	....	9	65.2	9	67.3	....	....
Breast (174-175)	575	13.1	475	12.8	100	14.7	11	16.8	11	17.5	....	....	3	11.3	3	12.7	....	....	1	7.2	1	7.5	....	....
Female genital organs (179-184)	478	10.9	389	10.5	89	13.1	9	13.8	9	14.3	....	....	4	15.1	2	8.5	2	....	2	14.5	2	15.0	....	....
Male genital organs (185-187)	434	9.9	320	8.6	114	16.8	7	10.7	7	11.1	....	....	1	3.8	....	....	1	....	1	7.2	1	7.5	....	....
Urinary organs (188-189)	312	7.1	268	7.2	44	6.5	5	7.6	5	7.9	....	....	2	7.5	2	8.5	....	....	2	14.5	2	15.0	....	....
Other & unsp. sites (170-173, 190-199)	1,038	23.7	884	23.9	154	22.7	15	22.9	15	23.8	....	....	7	26.4	7	29.6	....	....	2	14.5	2	15.0	....	....
Leukemia (204-208)	279	6.4	237	6.4	42	6.2	4	6.1	4	6.4	....	....	4	15.1	3	12.7	1	....	2	14.5	2	15.0	....	....
Other lymphatic & hematopoietic tissue (200-203)	395	9.0	337	9.1	58	8.6	5	7.6	5	7.9	....	....	2	7.5	2	8.5	....	....	1	7.2	1	7.5	....	....
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	90	2.1	65	1.8	25	3.7	1	1.5	1	1.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Diabetes mellitus (250)	552	12.6	406	11.0	146	21.5	9	13.8	8	12.7	1	....	4	15.1	4	16.9	....	....	3	21.7	3	22.4	....	....
Nutritional deficiencies (260-269)	54	1.2	44	1.2	10	1.5	1	1.5	1	1.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Anemias (280-285)	55	1.3	41	1.1	14	2.1	1	1.5	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
Meningitis (320-322)	17	0.4	10	0.3	7	1.0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Diseases of heart (390-398, 402, 404-429)	14,115	322.3	11,831	319.6	2,284	336.9	146	223.2	141	224.2	5	....	97	366.0	87	367.7	10	....	77	558.0	76	568.5	1	....
Rheumatic fever & rheumatic heart disease (390-398)	117	2.7	111	3.0	6	0.9	4	6.1	4	6.4	....	....	1	3.8	1	4.2	....	....	....	....	....	....	....	....
Hypertensive heart disease (402)	489	11.2	281	7.6	208	30.7	3	4.6	3	4.8	....	....	3	11.3	2	8.5	1	....	4	29.0	4	29.9	....	....
Hypertensive heart & renal disease (404)	55	1.3	38	1.0	17	2.5	....	....	....	....	....	....	....	....	....	....	....	....	1	7.2	1	7.5	....	....
Ischemic heart disease (410-414)	10,729	245.0	9,441	255.0	1,288	190.0	117	178.9	113	179.6	4	....	69	260.4	64	270.5	5	....	59	427.5	58	433.8	1	....
All other forms of heart disease (415-429)	2,725	62.2	1,960	52.9	765	112.8	22	33.6	21	33.4	1	....	24	90.6	20	84.5	4	....	13	94.2	13	97.2	....	....
Hypertension, with or without renal disease (401, 403)	119	2.7	77	2.1	42	6.2	5	7.6	4	6.4	1	....	2	7.5	1	4.2	1	....	....	....	....	....	....	....
Cerebrovascular disease (430-438)	4,213	96.2	3,389	91.5	824	121.5	52	79.5	49	77.9	3	....	35	132.1	32	135.2	3	....	12	87.0	12	89.8	....	....
Atherosclerosis (440)	642	14.7	554	15.0	88	13.0	3	4.6	2	3.2	1	....	2	7.5	1	4.2	1	....	....	....	....	....	....	....
Other diseases of arteries, arterioles and capillaries (441-448)	322	7.4	285	7.7	37	5.5	2	3.1	1	1.6	1	....	1	3.8	1	4.2	....	....	2	14.5	2	15.0	....	....
Acute bronchitis & bronchiolitis (466)	14	0.3	13	0.4	1	0.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pneumonia (480-486)	897	20.5	788	21.3	109	16.1	6	9.2	6	9.5	....	....	6	22.6	6	25.4	....	....	2	14.5	2	15.0	....	....
Influenza (487)	11	0.3	8	0.2	3	0.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bronchitis, chronic & unsp. (490-491)	84	1.9	78	2.1	6	0.9	2	3.1	2	3.2	....	....	1	3.8	1	4.2	....	....	....	....	....	....	....	....
Emphysema (492)	240	5.5	220	5.9	20	2.9	5	7.6	5	7.9	....	....	2	7.5	2	8.5	....	....	1	7.2	1	7.5	....	....
Asthma (493)	45	1.0	36	1.0	9	1.3	1	1.5	1	1.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Other chronic obstructive pulmonary disease & allied conditions (494-496)	683	15.6	610	16.5	73	10.8	16	24.5	16	25.4	....	....	3	11.3	2	8.5	1	....	....	....	....	....	....	....
Ulcer of stomach & duodenum (531-533)	104	2.4	89	2.4	15	2.2	1	1.5	1	1.6	....	....	1	3.8	1	4.2	....	....	1	7.2	1	7.5	....	....
Appendicitis (540-543)	12	0.3	5	0.1	7	1.0	2	3.1	1	1.6	1	....	....	....	....	....	....	....	....	....	....	....	....	....
Hernia & intestinal obstruction (550-553, 560)	81	1.8	57	1.5	24	3.5	....	....	....	....	....	....	1	3.8	1	4.2	....	....	....	....	....	....	....	....
Chronic liver disease & cirrhosis (571)	431	9.8	342	9.2	89	13.1	3	4.6	3	4.8	....	....	3	11.3	3	12.7	....	....	1	7.2	1	7.5	....	....
Cholelithiasis & other disorders of gallbladder (574-575)	76	1.7	68	1.8	8	1.2	....	....	....	....	....	....	3	11.3	3	12.7	....	....	....	....	....	....	....	....
Acute glomerulonephritis & nephrotic syndrome (580-581)	12	0.3	8	0.2	4	0.6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	101	2.3	62	1.7	39	5.8	....	....	....	....	....	....	1	3.8	1	4.2	....	....	....	....	....	....	....	....
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	241	5.5	169	4.6	72	10.6	4	6.1	4	6.4	....	....	1	3.8	1	4.2	....	....	....	....	....	....	....	....
Infections of kidney (590)	81	1.8	69	1.9	12	1.8	2	3.1	2	3.2	....	....	1	3.8	1	4.2	....	....	1	7.2	....	....	1	....
Hyperplasia of prostate (600)	16	0.4	11	0.3	5	0.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Complications of pregnancy, childbirth & the puerperium (630-676)	9	1.3	3	0.6	6	3.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Congenital anomalies (740-759)	280	6.4	231	6.2	49	7.2	2	3.1	2	3.2	....	....	....	....	....	....	....	....	1	7.2	1	7.5	....	....
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	136	3.1	102	2.8	34	5.0	3	4.6	3	4.8	....	....	1	3.8	1	4.2	....	....	1	7.2	1	7.5	....	....
Other conditions originating in the perinatal period (760-766, 770-779)	328	7.5	172	4.6	156	23.0	1	1.5	1	1.6	....	....	3	11.3	3	12.7	....	....	....	....	....	....	....	....
Symptoms, signs & ill-defined conditions (780-799)	908	20.7	733	19.8	175	25.8	63	96.3	61	97.0	2	....	3	11.3	3	12.7	....	....	4	29.0	4	29.9	....	....
All other diseases	2,151	49.1	1,705	46.1	446	65.8	22	33.6	22	35.0	....	....	19	71.7	18	76.1	1	....	5	36.2	5	37.4	....	....
Motor vehicle accidents (E810-E825)	1,268	28.9	1,104	29.8	164	24.2	15	22.9	15	23.8	....	....	5	18.9	4	16.9	1	....	3	21.7	3	22.4	....	....
All other accidents & adverse effects (E800-E807, E826-E949)	1,082	24.7	903	24.4	179	26.4	9	13.8	8	12.7	1	....	15	56.6	14	59.2	1	....	3	21.7	3	22.4	....	....
Suicide (E950-E959)	607	13.9	565	15.3	42	6.2	11	16.8	11	17.5	....	....	8	30.2	7	29.6	1	....	5	36.2	5	37.4	....	....
Homicide & legal intervention (E960-E978)	474	10.8	244	6.6	230	33.9	4	6.1	4	6.4	....	....	4	15.1	1	4.2	3	....	2	14.5	2	15.0	....	....
All other external causes (E980-E999)	94	2.1	77	2.1	17	2.5	2	3.1	2	3.2	....	....	1	3.8	1	4.2	....	....	....	....	....	....	....	....

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)--BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	BLEDSOE			BLOUNT			BRADLEY			CAMPBELL		
Estimated Population, July 1, 1979	TOTAL 8,700	WHITE 8,117	NONWHITE 583	TOTAL 75,800	WHITE 72,751	NONWHITE 3,049	TOTAL 63,400	WHITE 60,427	NONWHITE 2,973	TOTAL 32,500	WHITE 32,244	NONWHITE 256
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	131 15.1	129 15.9	2 3.4	983 13.0	945 13.0	38 12.5	997 15.7	944 15.6	53 17.8	534 16.4	532 16.5	2 7.8
ILLEGITIMATE BIRTHS	11 8.4	10 7.8	1	102 10.4	87 9.2	15 39.5	85 8.5	66 7.0	19 35.8	62 11.6	62 11.7	....
LOW-WEIGHT BIRTHS (Less than 2500 grams)	4 3.1	4 3.1	....	83 8.4	80 8.5	3 7.9	62 6.2	56 5.9	6 11.3	37 6.9	37 7.0	....
INFANT DEATHS (Under one year of age)	....	....	....	7 7.1	6 6.3	1 26.3	12 12.0	11 11.7	1 18.9	5 9.4	5 9.4	....
Neonatal Deaths (Under 28 days of age)	....	....	....	5 5.1	4 4.2	1 26.3	5 5.0	5 5.3	....	4 7.5	4 7.5	....
Under 7 days of age	....	....	....	4	3	1	4	4	....	4	4	....
7-27 days of age	....	....	....	1	1	....	1	1	....	....	....	....
MATERNAL DEATHS (ICD codes 630-676)	....	....	....	....	....	....	1 10.0	1 10.6	....	....	....	....
FETAL DEATHS	....	....	....	13 13.2	13 13.8	....	12 12.0	11 11.7	1 18.9	2 3.7	2 3.8	....
INDUCED TERMINATIONS OF PREGNANCY	16 122.1	16 124.0	....	334 339.8	315 333.3	19 500.0	180 180.5	166 175.8	14 264.2	51 95.5	51 95.9	....
TOTAL DEATHS	72 8.3	71 8.7	1 1.7	654 8.6	629 8.6	25 8.2	439 6.9	423 7.0	16 5.4	317 9.8	315 9.8	2 7.8
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)	....	....	....	....	....	....	....	....	....	....	....	....
Certain other intestinal infections (007-009)	....	....	....	....	....	....	....	....	....	....	....	....
Tuberculosis, all forms (010-018)	....	....	....	....	....	....	2 3.2	1 1.7	1	....	....	....
Whooping cough (033)	....	....	....	....	....	....	....	....	....	....	....	....
Streptococcal sore throat, scarlatina & erysipelas (034-035)	....	....	....	....	....	....	....	....	....	....	....	....
Meningococcal infection (036)	....	....	....	1 1.3	1 1.4	....	1 1.6	1 1.7	....	....	....	....
Septicemia (038)	....	....	....	1 1.3	1 1.4	....	1 1.6	1 1.7	....	....	....	....
Acute poliomyelitis (045)	....	....	....	....	....	....	....	....	....	....	....	....
Viral encephalitis (049.8-049.9, 062-064)	....	....	....	....	....	....	....	....	....	....	....	....
Measles (055)	....	....	....	....	....	....	....	....	....	....	....	....
Viral Hepatitis (070)	....	....	....	1 1.3	1 1.4	....	....	....	....	2 6.2	2 6.2	....
Rocky Mtn. spotted fever (082.0)	....	....	....	....	....	....	1 1.6	1 1.7	....	....	....	....
Syphilis (090-097)	....	....	....	....	....	....	....	....	....	....	....	....
All other infectious & parasitic diseases (remainder of 001-139)	....	....	....	1 1.3	1 1.4	....	1 1.6	1 1.7	....	....	....	....
Malignant neoplasms (140-208)	13 149.4	13 160.2	....	129 170.2	125 171.8	4	90 142.0	86 142.3	4	59 181.5	59 183.0	....
Lip, oral cavity & pharynx (140-149)	....	....	....	4 5.3	4 5.5	....	2 3.2	2 3.3	....	3 9.2	3 9.3	....
Digestive organs & peritoneum (150-159)	....	....	....	29 38.3	28 38.5	1	18 28.4	18 29.8	....	14 43.1	14 43.4	....
Respiratory & intrathoracic organs (160-165)	5 57.5	5 61.6	....	37 48.8	35 48.1	2	29 45.7	28 46.3	1	18 55.4	18 55.8	....
Breast (174-175)	1 11.5	1 12.3	....	14 18.5	14 19.2	....	9 14.2	8 13.2	1	5 15.4	5 15.5	....
Female genital organs (179-184)	....	....	....	7 9.2	7 9.6	....	6 9.5	5 8.3	1	3 9.2	3 9.3	....
Male genital organs (185-187)	1 11.5	1 12.3	....	9 11.9	9 12.4	....	3 4.7	3 5.0	....	....	....	....
Urinary organs (188-189)	....	....	....	6 7.9	6 8.2	....	3 4.7	3 5.0	....	3 9.2	3 9.3	....
Other & unsp. sites (170-173, 190-199)	3 34.5	3 37.0	....	11 14.5	10 13.7	1	13 20.5	12 19.9	1	8 24.6	8 24.8	....
Leukemia (204-208)	2 23.0	2 24.6	....	5 6.6	5 6.9	....	5 7.9	5 8.3	....	....	....	....
Other lymphatic & hematopoietic tissue (200-203)	1 11.5	1 12.3	....	7 9.2	7 9.6	....	2 3.2	2 3.3	....	5 15.4	5 15.5	....
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	....	....	....	2 2.6	2 2.7	....	2 3.2	2 3.3	....	....	....	....
Diabetes mellitus (250)	1 11.5	1 12.3	....	8 10.6	8 11.0	....	3 4.7	3 5.0	....	4 12.3	4 12.4	....
Nutritional deficiencies (260-269)	....	....	....	....	....	....	....	....	....	....	....	....
Anemias (280-285)	....	....	....	1 1.3	1 1.4	....	....	....	....	1 3.1	1 3.1	....
Meningitis (320-322)	....	....	....	....	....	....	....	....	....	....	....	....
Diseases of heart (390-398, 402, 404-429)	30 344.8	30 369.6	....	231 304.7	224 307.9	7	156 246.1	149 246.6	7	137 421.5	137 424.9	....
Rheumatic fever & rheumatic heart disease (390-398)	1 11.5	1 12.3	....	2 2.6	2 2.7	....	....	....	....	2 6.2	2 6.2	....
Hypertensive heart disease (402)	....	....	....	5 6.6	3 4.1	2	4 6.3	2 3.3	2	4 12.3	4 12.4	....
Hypertensive heart & renal disease (404)	....	....	....	2 2.6	2 2.7	....	1 1.6	1 1.7	....	1 3.1	1 3.1	....
Ischemic heart disease (410-414)	20 229.9	20 246.4	....	190 250.7	186 255.7	4	131 206.6	126 208.5	5	112 344.6	112 347.4	....
All other forms of heart disease (415-429)	9 103.4	9 110.9	....	32 42.2	31 42.6	1	20 31.5	20 33.1	....	18 55.4	18 55.8	....
Hypertension, with or without renal disease (401, 403)	....	....	....	7 9.2	7 9.6	....	2 3.2	2 3.3	....	2 6.2	2 6.2	....
Cerebrovascular disease (430-438)	5 57.5	5 61.6	....	77 101.6	72 99.0	5	59 93.1	56 92.7	3	20 61.5	20 62.0	....
Atherosclerosis (440)	....	....	....	12 15.8	12 16.5	....	6 9.5	6 9.9	....	3 9.2	3 9.3	....
Other diseases of arteries, arterioles and capillaries (441-448)	1 11.5	1 12.3	....	11 14.5	11 15.1	....	1 1.6	1 1.7	....	3 9.2	3 9.3	....
Acute bronchitis & bronchiolitis (466)	....	....	....	1 1.3	1 1.4	....	....	....	....	....	....	....
Pneumonia (480-486)	1 11.5	1 12.3	....	12 15.8	12 16.5	....	7 11.0	7 11.6	....	12 36.9	12 37.2	....
Influenza (487)	....	....	....	....	....	....	....	....	....	....	....	....
Bronchitis, chronic & unsp. (490-491)	....	....	....	1 1.3	1 1.4	....	....	....	....	1 3.1	1 3.1	....
Emphysema (492)	2 23.0	2 24.6	....	7 9.2	6 8.2	1	7 11.0	7 11.6	....	1 3.1	1 3.1	....
Asthma (493)	....	....	....	2 2.6	2 2.7	....	1 1.6	1 1.7	....	....	....	....
Other chronic obstructive pulmonary disease & allied conditions (494-496)	1 11.5	1 12.3	....	8 10.6	8 11.0	....	4 6.3	4 6.6	....	8 24.6	8 24.8	....
Ulcer of stomach & duodenum (531-533)	....	....	....	1 1.3	1 1.4	....	....	....	....	1 3.1	1 3.1	....
Appendicitis (540-543)	....	....	....	2 2.6	2 2.7	....	....	....	....	....	....	....
Hernia & intestinal obstruction (550-553, 560)	....	....	....	....	....	....	....	....	....	....	....	....
Chronic liver disease & cirrhosis (571)	....	....	....	6 7.9	5 6.9	1	5 7.9	5 8.3	....	5 15.4	5 15.5	....
Cholelithiasis & other disorders of gallbladder (574-575)	1 11.5	1 12.3	....	....	....	....	1 1.6	1 1.7	....	....	....	....
Acute glomerulonephritis & nephrotic syndrome (580-581)	....	....	....	1 1.3	1 1.4	....	....	....	....	....	....	....
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	....	....	....	....	....	....	....	....	....	1 3.1	1 3.1	....
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	....	....	....	1 1.3	1 1.4	....	3 4.7	3 5.0	....	5 15.4	5 15.5	....
Infections of kidney (590)	....	....	....	3 4.0	3 4.1	....	2 3.2	2 3.3	....	1 3.1	1 3.1	....
Hyperplasia of prostate (600)	....	....	....	....	....	....	....	....	....	....	....	....
Complications of pregnancy, childbirth & the puerperium (630-676)	....	....	....	....	....	....	1 10.0	1 10.6	....	....	....	....
Congenital anomalies (740-759)	1 11.5	1 12.3	....	4 5.3	4 5.5	....	3 4.7	3 5.0	....	1 3.1	1 3.1	....
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (760-769)	....	....	....	4 5.3	4 5.5	....	3 4.7	3 5.0	....	1 3.1	1 3.1	....
Other conditions originating in the perinatal period (760-766, 770-779)	1 11.5	1 12.3	....	1 1.3	....	1	1 1.6	1 1.7	....	3 9.2	3 9.3	....
Symptoms, signs & ill-defined conditions (780-799)	2 23.0	2 24.6	....	7 9.2	6 8.2	1	8 12.6	7 11.6	1	7 21.5	7 21.7	....
All other diseases	1 11.5	1 12.3	....	39 51.5	38 52.2	1	19 30.0	19 31.4	....	17 52.3	16 49.6	1 ....
Motor vehicle accidents (E810-E825)	8 92.0	8 98.6	....	30 39.6	28 38.5	2	15 23.7	15 24.8	....	2 6.2	2 6.2	....
All other accidents & adverse effects (E800-E807, E826-E949)	1 11.5	1 12.3	....	21 27.7	21 28.9	....	19 30.0	19 31.4	....	12 36.9	11 34.1	1 ....
Suicide (E950-E959)	1 11.5	1 12.3	....	8 10.6	8 11.0	....	8 12.6	8 13.2	....	5 15.4	5 15.5	....
Homicide & legal intervention (E960-E978)	2 23.0	1 12.3	1	9 11.9	7 9.6	2	5 7.9	5 8.3	....	3 9.2	3 9.3	....
All other external causes (E980-E999)	....	....	....	4 5.3	4 5.5	....	2 3.2	2 3.3	....	....	....	....

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

Estimated Population, July 1, 1979	CANNON			CARROLL			CARTER			CHEATHAM		
	TOTAL 9,380	WHITE 9,080	NONWHITE 220	TOTAL 27,800	WHITE 24,361	NONWHITE 3,439	TOTAL 46,780	WHITE 46,237	NONWHITE 463	TOTAL 19,060	WHITE 18,125	NONWHITE 875
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	139 14.9	136 15.0	3 13.6	393 14.1	335 13.8	58 16.9	606 13.0	597 12.9	9 19.4	303 15.9	292 16.1	11 12.6
ILLEGITIMATE BIRTHS	19 13.7	18 13.2	1 . . .	38 9.7	16 4.8	22 37.9	65 10.7	60 10.1	5 . . .	27 8.9	23 7.9	4 36.4
LOW-WEIGHT BIRTHS (Less than 2500 grams)	7 5.0	6 4.4	1 . . .	29 7.4	23 6.9	6 10.3	43 7.1	43 7.2	. . . .	21 6.9	19 6.5	2 18.2
INFANT DEATHS (Under one year of age)	1 7.2	1 7.4	. . . .	6 15.3	4 11.9	2 34.5	5 8.3	5 8.4	. . . .	4 13.2	4 13.7	. . . .
Neonatal Deaths (Under 28 days of age)	. . . .	. . . .	. . . .	4 10.2	3 9.0	1 17.2	2 3.3	2 3.4	. . . .	3 9.9	3 10.3	. . . .
Under 7 days of age	. . . .	. . . .	. . . .	4 . . .	3 . . .	1 . . .	2 . . .	2 . . .	. . . .	3 . . .	3 . . .	. . . .
7-27 days of age	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
MATERNAL DEATHS (ICD codes 630-676)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
FETAL DEATHS	. . . .	. . . .	. . . .	3 7.6	2 6.0	1 17.2	6 9.9	6 10.1	. . . .	6 19.8	6 20.5	. . . .
INDUCED TERMINATIONS OF PREGNANCY	22 158.3	20 147.1	2 . . .	67 170.5	55 164.2	12 206.9	34 56.1	33 55.3	1 . . .	61 201.3	58 198.6	2 181.8
TOTAL DEATHS	111 11.9	110 12.1	1 4.5	310 11.2	270 11.1	40 11.6	429 9.2	425 9.2	4 8.6	158 8.3	152 8.4	6 6.9
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Certain other intestinal infections (007-009)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 2.1	1 2.2	. . . .	. . . .	. . . .	. . . .
Tuberculosis, all forms (010-018)	1 10.8	1 11.0	. . . .	1 3.6	. . . .	1 . . .	. . . .	. . . .	. . . .	1 5.3	1 5.5	. . . .
Whooping cough (033)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Streptococcal sore throat, scarlatina & erysipelas (034-035)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Meningococcal infection (036)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Septicemia (038)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Acute poliomyelitis (045)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Viral encephalitis (049.8-049.9, 062-064)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Measles (055)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Viral hepatitis (070)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 2.1	1 2.2	. . . .	. . . .	. . . .	. . . .
Rocky Mtn. spotted fever (082.0)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Syphilis (090-097)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
All other infectious & parasitic diseases (remainder of 001-139)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 2.1	1 2.2	. . . .	. . . .	. . . .	. . . .
Malignant neoplasms (140-208)	19 204.3	19 209.3	. . . .	60 215.8	49 201.1	11 . . .	88 188.4	88 190.3	. . . .	30 157.9	27 149.0	3 . . .
Lip, oral cavity & pharynx (140-149)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	3 6.4	3 6.5	. . . .	. . . .	. . . .	. . . .
Digestive organs & peritoneum (150-159)	7 75.3	7 77.1	. . . .	18 64.7	16 65.7	2 . . .	20 42.8	20 43.3	. . . .	4 21.1	2 11.0	2 . . .
Respiratory & intrathoracic organs (160-165)	5 53.8	5 55.1	. . . .	14 50.4	12 49.3	2 . . .	24 51.4	24 51.9	. . . .	6 31.6	6 33.1	. . . .
Breast (174-175)	2 21.5	2 22.0	. . . .	3 10.8	2 8.2	1 . . .	6 12.8	6 13.0	. . . .	6 31.6	6 33.1	. . . .
Female genital organs (179-184)	. . . .	. . . .	. . . .	1 3.6	. . . .	1 . . .	8 17.1	8 17.3	. . . .	1 5.3	1 5.5	. . . .
Male genital organs (185-187)	2 21.5	2 22.0	. . . .	6 21.6	4 16.4	2 . . .	4 8.6	4 8.7	. . . .	3 15.8	3 16.6	. . . .
Urinary organs (188-189)	. . . .	. . . .	. . . .	2 7.2	1 4.1	1 . . .	4 8.6	4 8.7	. . . .	1 5.3	1 5.5	. . . .
Other & unsp. sites (170-173, 190-199)	2 21.5	2 22.0	. . . .	12 43.2	10 41.0	2 . . .	8 17.1	8 17.3	. . . .	7 36.8	6 33.1	1 . . .
Leukemia (204-208)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	6 12.8	6 13.0	. . . .	. . . .	. . . .	. . . .
Other lymphatic & hematopoietic tissue (200-203)	1 10.8	1 11.0	. . . .	3 10.8	3 12.3	. . . .	5 10.7	5 10.8	. . . .	2 10.5	2 11.0	. . . .
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 5.3	1 5.5	. . . .
Diabetes mellitus (250)	5 53.8	5 55.1	. . . .	5 18.0	5 20.5	. . . .	7 15.0	7 15.1	. . . .	2 10.5	2 11.0	. . . .
Nutritional deficiencies (260-269)	1 10.8	1 11.0	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Anemias (280-285)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Meningitis (320-322)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Diseases of heart (390-398, 402, 404-429)	51 548.4	50 550.7	1 . . .	128 460.4	113 463.9	15 . . .	169 361.9	166 359.0	3 . . .	61 321.1	59 325.5	2 . . .
Rheumatic fever & rheumatic heart disease (390-398)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Hypertensive heart disease (402)	4 43.0	4 44.1	. . . .	1 3.6	1 4.1	. . . .	2 4.3	2 4.3	. . . .	3 15.8	3 16.6	. . . .
Hypertensive heart & renal disease (404)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Ischemic heart disease (410-414)	39 419.4	38 418.5	1 . . .	96 345.3	86 353.0	10 . . .	128 274.1	125 270.3	3 . . .	54 284.2	52 286.9	2 . . .
All other forms of heart disease (415-429)	8 86.0	8 88.1	. . . .	30 107.9	25 102.6	5 . . .	39 83.5	39 84.3	. . . .	4 21.1	4 22.1	. . . .
Hypertension, with or without renal disease (401, 403)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Cerebrovascular disease (430-438)	4 43.0	4 44.1	. . . .	29 104.3	27 110.8	2 . . .	59 126.3	59 127.6	. . . .	19 100.0	19 104.8	. . . .
Atherosclerosis (440)	. . . .	. . . .	. . . .	14 50.4	12 49.3	2 . . .	6 12.8	6 13.0	. . . .	. . . .	. . . .	. . . .
Other diseases of arteries, arterioles and capillaries (441-448)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	3 6.4	3 6.5	. . . .	. . . .	. . . .	. . . .
Acute bronchitis & bronchiolitis (466)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Pneumonia (480-486)	3 32.3	3 33.0	. . . .	7 25.2	6 24.6	1 . . .	10 21.4	10 21.6	. . . .	1 5.3	1 5.5	. . . .
Influenza (487)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Bronchitis, chronic & unsp. (490-491)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	1 2.1	1 2.2	. . . .	. . . .	. . . .	. . . .
Emphysema (492)	1 10.8	1 11.0	. . . .	4 14.4	4 16.4	. . . .	3 6.4	3 6.5	. . . .	1 5.3	1 5.5	. . . .
Asthma (493)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Other chronic obstructive pulmonary disease & allied conditions (494-496)	3 32.3	3 33.0	. . . .	4 14.4	3 12.3	1 . . .	13 27.8	13 28.1	. . . .	1 5.3	1 5.5	. . . .
Ulcer of stomach & duodenum (531-533)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Appendicitis (540-543)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Hernia & intestinal obstruction (550-553, 560)	. . . .	. . . .	. . . .	2 7.2	2 8.2	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Chronic liver disease & cirrhosis (571)	. . . .	. . . .	. . . .	3 10.8	3 12.3	. . . .	3 6.4	3 6.5	. . . .	2 10.5	2 11.0	. . . .
Cholelithiasis & other disorders of gallbladder (574-575)	1 10.8	1 11.0	. . . .	1 3.6	1 4.1	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Acute glomerulonephritis & nephrotic syndrome (580-581)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	. . . .	. . . .	. . . .	2 7.2	1 4.1	1 . . .	3 6.4	3 6.5	. . . .	1 5.3	1 5.5	. . . .
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	1 10.8	1 11.0	. . . .	2 7.2	2 8.2	. . . .	3 6.4	3 6.5	. . . .	1 5.3	1 5.5	. . . .
Infections of kidney (590)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 5.3	. . . .	1 . . .
Hyperplasia of prostate (600)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Complications of pregnancy, childbirth & the puerperium (630-676)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Congenital anomalies (740-759)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	1 2.1	1 2.2	. . . .	2 10.5	2 11.0	. . . .
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	1 2.1	1 2.2	. . . .	. . . .	. . . .	. . . .
Other conditions originating in the perinatal period (760-766, 770-779)	. . . .	. . . .	. . . .	2 7.2	1 4.1	1 . . .	1 2.1	1 2.2	. . . .	3 15.8	3 16.6	. . . .
Symptoms, signs & ill-defined conditions (780-799)	. . . .	. . . .	. . . .	2 7.2	2 8.2	. . . .	4 8.6	4 8.7	. . . .	1 5.3	1 5.5	. . . .
All other diseases	5 53.8	5 55.1	. . . .	17 61.2	14 57.5	3 . . .	26 55.7	25 54.1	1 . . .	4 21.1	4 22.1	. . . .
Motor vehicle accidents (E810-E825)	7 75.3	7 77.1	. . . .	6 21.6	6 24.6	. . . .	5 10.7	5 10.8	. . . .	11 57.9	11 60.7	. . . .
All other accidents & adverse effects (E800-E807, E826-E949)	4 43.0	4 44.1	. . . .	6 21.6	5 20.5	1 . . .	12 25.7	12 26.0	. . . .	10 52.6	10 55.2	. . . .
Suicide (E950-E959)	3 32.3	3 33.0	. . . .	4 14.4	4 16.4	. . . .	2 4.3	2 4.3	. . . .	3 15.8	3 16.6	. . . .
Homicide & legal intervention (E960-E978)	2 21.5	2 22.0	. . . .	2 7.2	1 4.1	1 . . .	4 8.6	4 8.7	. . . .	1 5.3	1 5.5	. . . .
All other external causes (E980-E999)	. . . .	. . . .	. . . .	1 3.6	1 4.1	. . . .	2 4.3	2 4.3	. . . .	1 5.3	1 5.5	. . . .

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	CHESTER			CLAIBORNE			CLAY			COCKE		
Estimated Population, July 1, 1979	TOTAL 12,080	WHITE 10,455	NONWHITE 1,545	TOTAL 26,400	WHITE 26,013	NONWHITE 387	TOTAL 7,200	WHITE 7,059	NONWHITE 141	TOTAL 28,500	WHITE 27,693	NONWHITE 807
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	164 13.7	134 12.8	30 19.4	349 13.2	345 13.3	4 10.3	81 11.2	80 11.3	1 7.1	411 14.4	401 14.5	10 12.4
ILLEGITIMATE BIRTHS	22 13.4	8 6.0	14 46.7	29 8.3	28 8.1	1	12 14.8	11 13.8	1	44 15.6	39 14.7	5 50.0
LOW-WEIGHT BIRTHS (Less than 2500 grams)	10 6.1	6 4.5	4 13.3	22 6.3	22 6.4		11 13.6	10 12.5	1	30 7.3	28 7.0	2 20.0
INFANT DEATHS (Under one year of age)	2 12.2	1 7.5	1 33.3	6 17.2	6 17.4		1 12.3	1 12.5		6 14.6	5 12.5	1 100.0
Neonatal Deaths (Under 28 days of age)				1 2.9	1 2.9		1 12.3	1 12.5		5 12.2	4 10.0	1 100.0
Under 7 days of age				1	1		1	1		4	3	1
7-27 days of age										1	1	
MATERNAL DEATHS (ICD codes 630-676)												
FETAL DEATHS	4 24.4	4 29.9		4 11.5	4 11.6					5 12.2	5 12.5	
INDUCED TERMINATIONS OF PREGNANCY	26 158.5	22 164.2	4 133.3	24 68.8	24 69.6		6 74.1	6 75.0		83 201.9	78 194.5	5 500.0
TOTAL DEATHS	113 9.4	98 9.4	15 9.7	239 9.1	237 9.1	2 5.2	74 10.3	71 10.1	3 21.3	263 9.2	251 9.1	12 14.9
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)												
Tuberculosis, all forms (010-018)												
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)										1 3.5	1 3.6	
Septicemia (038)												
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)												
Measles (055)												
Viral hepatitis (070)				1 3.8	1 3.8							
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)												
All other infectious & parasitic diseases (remainder of 001-139)												
Malignant neoplasms (140-208)	19 158.3	18 172.2	1	53 200.8	53 203.7		14 194.4	14 198.3		48 168.4	45 162.5	3
Lip, oral cavity & pharynx (140-149)	2 16.7	2 19.1		3 11.4	3 11.5							
Digestive organs & peritoneum (150-159)	8 66.7	8 76.5		8 30.3	8 30.8		2 27.8	2 28.3		13 45.6	12 43.3	1
Respiratory & intrathoracic organs (160-165)	6 50.0	5 47.8	1	15 56.8	15 57.7		4 55.6	4 56.7		12 42.1	11 39.7	1
Breast (174-175)				5 18.9	5 19.2					4 14.0	4 14.4	
Female genital organs (179-184)				2 7.6	2 7.7		3 41.7	3 42.5		1 3.5	1 3.6	
Male genital organs (185-187)	1 8.3	1 9.6		1 3.8	1 3.8		1 13.9	1 14.2		3 10.5	3 10.8	
Urinary organs (188-189)	1 8.3	1 9.6		3 11.4	3 11.5					2 7.0	2 7.2	
Other & unsp. sites (170-173, 190-199)				7 26.5	7 26.9		3 41.7	3 42.5		8 28.1	7 25.3	1
Leukemia (204-208)				3 11.4	3 11.5					4 14.0	4 14.4	
Other lymphatic & hematopoietic tissue (200-203)	1 8.3	1 9.6		6 22.7	6 23.1		1 13.9	1 14.2		1 3.5	1 3.6	
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	1 8.3		1	1 3.8	1 3.8							
Diabetes mellitus (250)	2 16.7	2 19.1		3 11.4	3 11.5					7 24.6	7 25.3	
Nutritional deficiencies (260-269)							1 13.9	1 14.2		1 3.5	1 3.6	
Anemias (280-285)				1 3.8		1						
Meningitis (320-322)												
Diseases of heart (390-398, 402, 404-429)	41 341.7	36 344.3	5	105 397.7	105 403.6		27 375.0	25 354.2	2	104 364.9	100 361.1	4
Rheumatic fever & rheumatic heart disease (390-398)										1 3.5	1 3.6	
Hypertensive heart disease (402)	1 8.3		1	2 7.6	2 7.7		3 41.7	3 42.5		1 3.5		1
Hypertensive heart & renal disease (404)				1 3.8	1 3.8							
Ischemic heart disease (410-414)	36 300.0	34 325.2	2	93 352.3	93 357.5		22 305.6	21 297.5	1	90 315.8	88 317.8	2
All other forms of heart disease (415-429)	4 33.3	2 19.1	2	9 34.1	9 34.6		2 27.8	1 14.2	1	12 42.1	11 39.7	1
Hypertension, with or without renal disease (401, 403)										4 14.0	4 14.4	
Cerebrovascular disease (430-438)	20 166.7	18 172.2	2	20 75.8	20 76.9		8 111.1	8 113.3		31 108.8	29 104.7	2
Atherosclerosis (440)	1 8.3		1	2 7.6	2 7.7		2 27.8	2 28.3		1 3.5	1 3.6	
Other diseases of arteries, arterioles and capillaries (441-448)				4 15.2	4 15.4							
Acute bronchitis & bronchiolitis (466)												
Pneumonia (480-486)	4 33.3	3 28.7	1	14 53.0	14 53.8		3 41.7	3 42.5		6 21.1	6 21.7	
Influenza (487)												
Bronchitis, chronic & unsp. (490-491)												
Emphysema (492)				3 11.4	3 11.5					1 3.5	1 3.6	
Asthma (493)										2 7.0	1 3.6	1
Other chronic obstructive pulmonary disease & allied conditions (494-496)	2 16.7	2 19.1		1 3.8	1 3.8		2 27.8	2 28.3		8 28.1	7 25.3	1
Ulcer of stomach & duodenum (531-533)												
Appendicitis (540-543)												
Hernia & intestinal obstruction (550-553, 560)				1 3.8	1 3.8					1 3.5	1 3.6	
Chronic liver disease & cirrhosis (571)				3 11.4	3 11.5		1 13.9	1 14.2		3 10.5	3 10.8	
Cholelithiasis & other disorders of gallbladder (574-575)												
Acute glomerulonephritis & nephrotic syndrome (580-581)												
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)				1 3.8	1 3.8		1 13.9	1 14.2		2 7.0	2 7.2	
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)							1 13.9		1	1 3.5	1 3.6	
Infections of kidney (590)												
Hyperplasia of prostate (600)	1 8.3	1 9.6										
Complications of pregnancy, childbirth & the puerperium (630-676)												
Congenital anomalies (740-759)				2 7.6	2 7.7		2 27.8	2 28.3		2 7.0	2 7.2	
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)				1 3.8	1 3.8					1 3.5	1 3.6	
Other conditions originating in the perinatal period (760-766, 770-779)										3 10.5	2 7.2	1
Symptoms, sign & ill-defined conditions (780-799)	1 8.3	1 9.6								3 10.5	3 10.8	
All other diseases	7 58.3	3 28.7	4	13 49.2	12 46.1	1	4 55.6	4 56.7		12 42.1	12 43.3	
Motor vehicle accidents (E810-E825)	7 58.3	7 67.0		3 11.4	3 11.5		3 41.7	3 42.5		10 35.1	10 36.1	
All other accidents & adverse effects (E800-E807, E826-E949)	1 8.3	1 9.6		2 7.6	2 7.7		3 41.7	3 42.5		5 17.5	5 18.1	
Suicide (E950-E959)	3 25.0	3 28.7		5 18.9	5 19.2		1 13.9	1 14.2		3 10.5	3 10.8	
Homicide & legal intervention (E960-E978)	3 25.0	3 28.7					1 13.9	1 14.2		3 10.5	3 10.8	
All other external causes (E980-E999)												

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	COFFEE			CROCKETT			CUMBERLAND			DAVIDSON		
Estimated Population, July 1, 1979	TOTAL 36,200	WHITE 34,804	NONWHITE 1,396	TOTAL 14,508	WHITE 11,393	NONWHITE 3,107	TOTAL 27,200	WHITE 27,176	NONWHITE 24	TOTAL 492,600	WHITE 362,462	NONWHITE 90,138
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	567 15.7	544 15.6	23 16.5	219 15.1	153 13.4	66 21.2	364 13.4	363 13.4	1 41.7	7,347 16.2	5,155 14.2	2,192 24.3
ILLEGITIMATE BIRTHS	48 8.5	38 7.0	10 43.5	50 22.8	10 6.5	40 60.6	34 9.3	34 9.4		1,676 22.8	500 9.7	1,176 53.6
LOW-WEIGHT BIRTHS (Less than 2500 grams)	41 7.2	37 6.8	4 17.4	12 5.5	6 3.9	6 9.1	27 7.4	27 7.4		648 8.8	366 7.1	282 12.9
INFANT DEATHS (Under one year of age)	3 5.3	3 5.5		5 22.8	3 19.6	2 30.3	5 13.7	5 13.8		117 15.9	70 13.6	47 21.4
Neonatal Deaths (Under 28 days of age)	2 3.5	2 3.7		3 13.7	2 13.1	1 15.2	2 5.5	2 5.5		79 10.8	45 8.7	34 15.5
Under 7 days of age	2	2		2	1	1	2	2		66	39	27
7-27 days of age				1	1					13	6	7
MATERNAL DEATHS (ICD codes 630-676)										1 1.4		1 4.6
FETAL DEATHS	5 8.8	4 7.4		1 4.6		1 15.2	4 11.0	4 11.0		67 9.1	39 7.6	28 12.8
INDUCED TERMINATIONS OF PREGNANCY	108 190.5	98 180.1	7 304.3	45 205.5	34 222.2	11 166.7	59 162.1	59 162.5		2,933 399.2	1,968 381.8	958 437.0
TOTAL DEATHS	284 7.8	274 7.9	10 7.2	194 13.4	163 14.3	31 10.0	247 9.1	247 9.1		4,158 9.2	3,103 8.6	1,055 11.7
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)										1 0.2		1 1.1
Tuberculosis, all forms (010-018)	1 2.8	1 2.9					1 3.7	1 3.7		2 0.4		2 2.2
Whooping cough (033)										1 0.2		1 1.1
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)							2 7.4	2 7.4		1 0.2	1 0.3	
Septicemia (038)	1 2.8	1 2.9		1 6.9	1 8.8					6 1.3	4 1.1	2 2.2
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)										1 0.2		1 1.1
Measles (055)												
Viral hepatitis (070)										2 0.4	2 0.6	
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)												
All other infectious & parasitic diseases (remainder of 001-139)	1 2.8	1 2.9								7 1.5	6 1.7	1 1.1
Malignant neoplasms (140-208)	57 157.5	56 160.9	1	36 248.3	32 280.9	4	42 154.4	42 154.5		885 195.5	665 183.5	220 244.1
Lip, oral cavity & pharynx (140-149)							1 3.7	1 3.7		22 4.9	15 4.1	7 7.8
Digestive organs & peritoneum (150-159)	18 49.7	18 51.7		11 75.9	9 79.0	2	10 36.8	10 36.8		214 47.3	148 40.8	66 73.2
Respiratory & intrathoracic organs (160-165)	19 52.5	19 54.6		12 82.8	10 87.8	2	14 51.5	14 51.5		278 61.4	212 58.5	66 73.2
Breast (174-175)	4 11.0	4 11.5		2 13.8	2 17.6		4 14.7	4 14.7		62 13.7	49 13.5	13 14.4
Female genital organs (179-184)							2 7.4	2 7.4		51 11.3	42 11.6	9 10.0
Male genital organs (185-187)	2 5.5	2 5.7		2 13.8	2 17.6					41 9.1	23 6.3	18 20.0
Urinary organs (188-189)	2 5.5	2 5.7		1 6.9	1 8.8		3 11.0	3 11.0		32 7.1	20 5.5	12 13.3
Other & unsp. sites (170-173, 190-199)	7 19.3	6 17.2	1	4 27.6	4 35.1		5 18.4	5 18.4		108 23.9	92 25.4	16 17.8
Leukemia (204-208)	1 2.8	1 2.9		3 20.7	3 26.3		2 7.4	2 7.4		27 6.0	22 6.1	5 5.5
Other lymphatic & hematopoietic tissue (200-203)	4 11.0	4 11.5		1 6.9	1 8.8		1 3.7	1 3.7		50 11.0	42 11.6	8 8.9
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)										12 2.7	9 2.5	3 3.3
Diabetes mellitus (250)	4 11.0	4 11.5		1 6.9	1 8.8		4 14.7	4 14.7		80 17.7	48 13.2	32 35.5
Nutritional deficiencies (260-269)	1 2.8	1 2.9					2 7.4	2 7.4		11 2.4	4 1.1	7 7.8
Anemias (280-285)							1 3.7	1 3.7		7 1.5	5 1.4	2 2.2
Meningitis (320-322)										2 0.4		2 2.2
Diseases of heart (390-398, 402, 404-429)	104 287.3	102 293.1	2	77 531.0	64 561.7	13	84 308.8	84 309.1		1,479 326.8	1,132 312.3	347 385.0
Rheumatic fever & rheumatic heart disease (390-398)							1 3.7	1 3.7		11 2.4	11 3.0	
Hypertensive heart disease (402)				2 13.8	1 8.8	1				89 19.7	43 11.9	46 51.0
Hypertensive heart & renal disease (404)										5 1.1	1 0.3	4 4.4
Ischemic heart disease (410-414)	85 234.8	83 238.5	2	61 420.7	52 456.4	9	72 264.7	72 264.9		1,107 244.6	880 242.8	227 251.8
All other forms of heart disease (415-429)	19 52.5	19 54.6		14 96.6	11 96.6	3	11 40.4	11 40.5		267 59.0	197 54.4	70 77.7
Hypertension, with or without renal disease (401, 403)							1 3.7	1 3.7		11 2.4	4 1.1	7 7.8
Cerebrovascular disease (430-438)	33 91.2	32 91.9	1	27 186.2	20 175.5	7	30 110.3	30 110.4		380 84.0	295 81.4	85 94.3
Atherosclerosis (440)	7 19.3	6 17.2	1	10 69.0	8 70.2	2	8 29.4	8 29.4		57 12.6	54 14.9	3 3.3
Other diseases of arteries, arterioles and capillaries (441-448)	2 5.5	2 5.7		1 6.9		1	2 7.4	2 7.4		38 8.6	29 8.0	9 10.0
Acute bronchitis & bronchiolitis (466)												
Pneumonia (480-486)	5 13.8	5 14.4		2 13.8	2 17.6		5 18.4	5 18.4		86 19.0	70 19.3	16 17.8
Influenza (487)										2 0.4	1 0.3	1 1.1
Bronchitis, chronic & unsp. (490-491)	1 2.8	1 2.9		1 6.9	1 8.8		1 3.7	1 3.7		9 2.0	7 1.9	2 2.2
Emphysema (492)				1 6.9	1 8.8		2 7.4	2 7.4		47 10.4	40 11.0	7 7.8
Asthma (493)										2 0.4	2 0.6	
Other chronic obstructive pulmonary disease & allied conditions (494-496)	3 8.3	3 8.6		1 6.9	1 8.8		2 7.4	2 7.4		67 14.8	54 14.9	13 14.4
Ulcer of stomach & duodenum (531-533)	2 5.5	2 5.7					2 7.4	2 7.4		15 3.3	11 3.0	4 4.4
Appendicitis (540-543)										2 0.4		2 2.2
Hernia & intestinal obstruction (550-553, 560)	1 2.8	1 2.9		2 13.8	2 17.6		2 7.4	2 7.4		5 1.1	2 0.6	3 3.3
Chronic liver disease & cirrhosis (571)	2 5.5	2 5.7		1 6.9	1 8.8		2 7.4	2 7.4		53 11.7	41 11.3	12 13.3
Cholelithiasis & other disorders of gallbladder (574-575)										11 2.4	8 2.2	3 3.3
Acute glomerulonephritis & nephrotic syndrome (580-581)												
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	1 2.8	1 2.9		3 20.7	3 26.3		1 3.7	1 3.7		6 1.3	3 0.8	3 3.3
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	6 16.6	5 14.4	1	1 6.9	1 8.8		1 3.7	1 3.7		32 7.1	19 5.2	13 14.4
Infections of kidney (590)	2 5.5	1 2.9	1	1 6.9	1 8.8		2 7.4	2 7.4		9 2.0	8 2.2	1 1.1
Hyperplasia of prostate (600)												
Complications of pregnancy, childbirth & the puerperium (630-676)										1 1.4		1 4.6
Congenital anomalies (740-759)	4 11.0	3 8.6	1	1 6.9	1 8.8		1 3.7	1 3.7		36 8.0	25 6.9	11 12.2
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)				1 6.9	1 8.8		1 3.7	1 3.7		15 3.3	7 1.9	8 8.9
Other conditions originating in the perinatal period (760-766, 770-779)	2 5.5	2 5.7		1 6.9		1				48 10.6	25 6.9	23 25.5
Symptoms, signs & ill-defined conditions (780-799)	2 5.5	2 5.7		3 20.7	2 17.6	1	2 7.4	2 7.4		14 3.1	10 2.8	4 4.4
All other diseases	12 33.1	11 31.6	1	6 41.4	6 52.7		13 47.8	13 47.8		308 68.1	218 60.1	90 99.8
Motor vehicle accidents (E810-E825)	13 35.9	12 34.5	1	11 75.9	10 87.8	1	9 33.1	9 33.1		126 27.8	103 28.4	23 25.5
All other accidents & adverse effects (E800-E807, E826-E949)	13 35.9	13 37.4		3 20.7	3 26.3		9 33.1	9 33.1		111 24.5	87 24.0	24 26.6
Suicide (E950-E959)	2 5.5	2 5.7		1 6.9	1 8.8		10 36.8	10 36.8		66 14.6	56 15.4	10 11.1
Homicide & legal intervention (E960-E978)	1 2.8	1 2.9		1 6.9		1	4 14.7	4 14.7		88 19.4	36 9.9	52 57.7
All other external causes (E980-E999)	1 2.8	1 2.9					1 3.7	1 3.7		16 3.5	12 3.3	4 4.4

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Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	DECATUR				DEKALB				DICKSON				DYER			
Estimated Population, July 1, 1979	TOTAL 10,000		WHITE 9,492		NONWHITE 508		TOTAL 13,000		WHITE 12,723		NONWHITE 277		TOTAL 28,200		WHITE 26,377		NONWHITE 1,823		TOTAL 33,500		WHITE 29,094		NONWHITE 4,406	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	154	15.4	149	15.7	5	9.8	228	17.5	222	17.4	6	21.7	423	15.0	392	14.9	31	17.0	492	14.7	406	14.0	86	19.5
ILLEGITIMATE BIRTHS	10	6.5	7	4.7	3	....	13	5.7	11	5.0	2	....	49	11.6	35	8.9	14	45.2	106	21.5	38	9.4	68	79.1
LOW-WEIGHT BIRTHS (Less than 2500 grams)	14	9.1	14	9.4	....	....	10	4.4	10	4.5	....	....	25	5.9	24	6.1	1	3.2	41	8.3	28	6.9	13	15.1
INFANT DEATHS (Under one year of age)	1	6.5	1	6.7	....	....	2	8.8	2	9.0	....	....	3	7.1	3	7.7	....	....	11	22.4	6	14.8	5	58.1
Neonatal Deaths (Under 28 days of age)	....	....	....	....	....	....	2	8.8	2	9.0	....	....	3	7.1	3	7.7	....	....	10	20.3	5	12.3	5	58.1
Under 7 days of age	....	....	....	....	....	....	1	....	1	....	....	....	3	....	3	....	....	....	8	....	4	....	4	....
7-27 days of age	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	2	....	1	....	1	....
MATERNAL DEATHS (ICD codes 630-676)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
FETAL DEATHS	1	6.5	1	6.7	....	....	3	13.2	3	13.5	....	....	2	4.7	1	2.6	1	32.3	8	16.3	2	4.9	6	69.8
INDUCED TERMINATIONS OF PREGNANCY	24	155.8	22	147.7	2	....	40	175.4	38	171.2	2	....	70	165.5	62	158.2	8	258.1	84	170.7	68	167.5	16	186.0
TOTAL DEATHS	111	11.1	106	11.2	5	9.8	158	12.2	156	12.3	2	7.2	275	9.8	255	9.7	20	11.0	335	10.0	286	9.8	49	11.1
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Certain other intestinal infections (007-009)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Tuberculosis, all forms (010-018)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Whooping cough (033)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Streptococcal sore throat, scarlatina & erysipelas (034-035)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Meningococcal infection (036)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Septicemia (038)	1	10.0	1	10.5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	3.0	1	3.4	....	....
Acute poliomyelitis (045)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral encephalitis (049.8-049.9, 062-064)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Measles (055)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral hepatitis (070)	....	....	....	....	....	....	....	....	....	....	....	....	1	3.5	1	3.8	....	....	....	....	....	....	....	....
Rocky Mtn. spotted fever (082.0)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Syphilis (090-097)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
All other infectious & parasitic diseases (remainder of 001-139)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Malignant neoplasms (140-208)	24	240.0	21	221.2	3	....	26	200.0	26	204.4	....	....	50	177.3	38	189.6	....	....	71	211.9	59	202.8	12	....
Lip, oral cavity & pharynx (140-149)	....	....	....	....	....	....	....	....	....	....	....	....	1	3.5	1	3.8	....	....	....	....	....	....	....	....
Digestive organs & peritoneum (150-159)	10	100.0	9	94.8	1	....	7	53.8	7	55.0	....	....	10	35.5	10	37.9	....	....	17	50.7	13	44.7	4	....
Respiratory & intrathoracic organs (160-165)	3	30.0	2	21.1	1	....	10	76.9	10	78.6	....	....	12	42.6	12	45.5	....	....	25	74.6	23	79.1	2	....
Breast (174-175)	2	20.0	2	21.1	....	....	2	15.4	2	15.7	....	....	3	10.6	3	11.4	....	....	6	17.9	4	13.7	2	....
Female genital organs (179-184)	....	....	....	....	....	....	3	23.1	3	23.6	....	....	2	7.1	2	7.6	....	....	3	9.0	2	6.9	1	....
Male genital organs (185-187)	2	20.0	2	21.1	....	....	....	....	....	....	....	....	5	17.7	5	19.0	....	....	2	6.0	2	6.9	....	....
Urinary organs (188-189)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	3	10.6	3	11.4	....	....	4	11.9	3	10.3	1	....
Other & unsp. sites (170-173, 190-199)	5	50.0	4	42.1	1	....	2	15.4	2	15.7	....	....	6	21.3	6	22.7	....	....	10	29.9	9	30.9	1	....
Leukemia (204-208)	1	10.0	1	10.5	....	....	....	....	....	....	....	....	4	14.2	4	15.2	....	....	1	3.0	1	3.4	....	....
Other lymphatic & hematopoietic tissue (200-203)	1	10.0	1	10.5	....	....	1	7.7	1	7.9	....	....	4	14.2	4	15.2	....	....	3	9.0	2	6.9	1	....
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Diabetes mellitus (250)	1	10.0	1	10.5	....	....	2	15.4	2	15.7	....	....	4	14.2	3	11.4	1	....	2	6.0	2	6.9	....	....
Nutritional deficiencies (260-269)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Anemias (280-285)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Meningitis (320-322)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Diseases of heart (390-398, 402, 404-429)	46	460.0	46	484.6	....	....	81	623.1	81	636.6	....	....	118	418.4	106	401.9	12	....	96	286.6	83	285.3	13	....
Rheumatic fever & rheumatic heart disease (390-398)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	....	....	....	....	....	....	2	6.0	2	6.9	....	....
Hypertensive heart disease (402)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	1	3.5	....	....	1	....	7	20.9	3	10.3	4	....
Hypertensive heart & renal disease (404)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ischemic heart disease (410-414)	36	360.0	36	379.3	....	....	76	584.6	76	597.3	....	....	100	354.6	92	348.8	8	....	69	206.0	62	213.1	7	....
All other forms of heart disease (415-429)	10	100.0	10	105.4	....	....	3	23.1	3	23.6	....	....	17	60.3	14	53.1	3	....	18	53.7	16	55.0	2	....
Hypertension, with or without renal disease (401, 403)	....	....	....	....	....	....	....	....	....	....	....	....	1	3.5	....	....	1	....	1	3.0	....	....	1	....
Cerebrovascular disease (430-438)	15	150.0	14	147.5	1	....	8	61.5	8	62.9	....	....	30	106.4	28	106.2	2	....	42	125.4	35	120.3	7	....
Atherosclerosis (440)	1	10.0	1	10.5	....	....	1	7.7	....	....	1	....	4	14.2	4	15.2	....	....	4	11.9	4	13.7	....	....
Other diseases of arteries, arterioles and capillaries (441-448)	1	10.0	1	10.5	....	....	1	7.7	1	7.9	....	....	2	7.1	2	7.6	....	....	2	6.0	2	6.9	....	....
Acute bronchitis & bronchiolitis (466)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pneumonia (480-486)	1	10.0	1	10.5	....	....	6	46.2	6	47.2	....	....	5	17.7	5	19.0	....	....	11	32.8	9	30.9	2	....
Influenza (487)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bronchitis, chronic & unsp. (490-491)	1	10.0	1	10.5	....	....	1	7.7	1	7.9	....	....	....	....	....	....	....	....	1	3.0	1	3.4	....	....
Emphysema (492)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	....	....	....	....	....	....	3	9.0	3	10.3	....	....
Asthma (493)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Other chronic obstructive pulmonary disease & allied conditions (494-496)	1	10.0	1	10.5	....	....	3	23.1	3	23.6	....	....	7	24.8	7	26.5	....	....	9	26.9	9	30.9	....	....
Ulcer of stomach & duodenum (531-533)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	....	....	....	....	....	....	2	6.0	2	6.9	....	....
Appendicitis (540-543)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hernia & intestinal obstruction (550-553, 560)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chronic liver disease & cirrhosis (571)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	2	7.1	2	7.6	....	....	3	9.0	3	10.3	....	....
Cholelithiasis & other disorders of gallbladder (574-575)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	....	....	....	....	....	....	2	6.0	2	6.9	....	....
Acute glomerulonephritis & nephrotic syndrome (580-581)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	....	....	....	....	....	....	2	6.0	1	3.4	1	....
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	1	3.5	1	3.8	....	....	2	6.0	2	6.9	....	....
Infections of kidney (590)	1	10.0	1	10.5	....	....	1	7.7	1	7.9	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hyperplasia of prostate (600)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Complications of pregnancy, childbirth & the puerperium (630-676)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Congenital anomalies (740-759)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	2	7.1	2	7.6	....	....	3	9.0	1	3.4	2	....
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	6.0	....	....	2	....
Other conditions originating in the perinatal period (760-766, 770-779)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	2	7.1	2	7.6	....	....	4	11.9	3	10.3	1	....
Symptoms, signs & ill-defined conditions (780-799)	1	10.0	1	10.5	....	....	2	15.4	2	15.7	....	....	2	7.1	2	7.6	....	....	25	74.6	21	72.2	4	....
All other diseases	7	70.0	7	73.7	....	....	4	30.8	4	31.4	....	....	17	60.3	16	60.7	1	....	27	80.6	23	79.1	4	....
Motor vehicle accidents (E810-E825)	5	50.0	5	52.7	....	....	4	30.8	4	31.4	....	....	7	24.8	4	15.2	3	....	6	17.9	6	20.6	....	....
All other accidents & adverse effects (E800-E807, E826-E949)	5	50.0	4	42.1	1	....	4	30.8	3	23.6	1	....	8	28.4	8	30.3	....	....	10	29.9	10	34.4	....	....
Suicide (E950-E959)	....	....	....	....	....	....	1	7.7	1	7.9	....	....	7	24.8	7	26.5	....	....	3	9.0	3	10.3	....	....
Homicide & legal intervention (E960-E978)	....	....	....	....	....	....	2	15.4	2	15.7	....	....	5	17.7	5	19.0	....	....	1	3.0	1	3.4	....	....
All other external causes (E980-E999)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	FAYETTE						FENTRESS						FRANKLIN						GIBSON					
Estimated Population, July 1, 1979	TOTAL 24,400		WHITE 9,458		NONWHITE 14,942		TOTAL 14,500		WHITE 14,491		NONWHITE 9		TOTAL 30,800		WHITE 28,396		NONWHITE 2,404		TOTAL 46,900		WHITE 37,213		NONWHITE 9,687	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	428	17.5	170	18.0	258	17.3	250	17.2	249	17.2	1	111.1	429	13.9	381	13.4	48	20.0	664	14.2	453	12.2	211	21.8
ILLEGITIMATE BIRTHS	163	38.1	16	9.4	147	57.0	23	9.2	23	9.2			49	11.4	23	6.0	26	54.2	169	25.5	35	7.7	134	63.5
LOW-WEIGHT BIRTHS (Less than 2500 grams)	46	10.7	11	6.5	35	13.6	20	8.0	20	8.0			36	8.4	27	7.1	9	18.8	58	8.7	30	6.6	28	13.3
INFANT DEATHS (Under one year of age)	10	23.4	2	11.8	8	31.0	6	24.0	6	24.1			8	18.6	6	15.7	2	41.7	7	10.5	3	6.6	4	19.0
Neonatal Deaths (Under 28 days of age)	6	14.0	1	5.9	5	19.4	5	20.0	5	20.1			6	14.0	4	10.5	2	41.7	6	9.0	2	4.4	4	19.0
Under 7 days of age	5				5		5		5				5		4		1		6		2		4	
7-27 days of age	1		1										1				1							
MATERNAL DEATHS (ICD codes 630-676)																								
FETAL DEATHS	5	11.7	1	5.9	4	15.5	3	12.0	3	12.0			3	7.0	2	5.2	1	20.8	12	18.1	7	15.5	5	23.7
INDUCED TERMINATIONS OF PREGNANCY	69	161.2	33	194.1	36	139.5	15	60.0	15	60.2			64	149.2	55	144.4	9	187.5	113	170.2	78	172.2	35	165.9
TOTAL DEATHS	158	6.5	75	7.9	83	5.6	147	10.1	147	10.1			289	9.4	263	9.3	26	10.8	555	11.8	459	12.3	96	9.9
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)																								
Certain other intestinal infections (007-009)																								
Tuberculosis, all forms (010-018)																								
Whooping cough (033)																								
Streptococcal sore throat, scarlatina & erysipelas (034-035)																								
Meningococcal infection (036)																								
Septicemia (038)							1	6.9	1	6.9														
Acute poliomyelitis (045)																								
Viral encephalitis (049.8-049.9, 062-064)																								
Measles (055)																								
Viral hepatitis (070)																			1	2.1	1	2.7		
Rocky Mtn. spotted fever (082.0)							1	6.9	1	6.9														
Syphilis (090-097)							1	6.9	1	6.9														
All other infectious & parasitic diseases (remainder of 001-139)													1	3.2	1	3.5								
Malignant neoplasms (140-208)	21	86.1	11	116.3	10	66.9	19	131.0	19	131.1			54	175.3	51	179.6	3		109	232.4	91	244.5	18	185.8
Lip, oral cavity & pharynx (140-149)	1	4.1	1	10.6									3	9.7	3	10.6			2	4.3	2	5.4		
Digestive organs & peritoneum (150-159)	6	24.6	3	31.7	3	20.1	6	41.4	6	41.4			12	39.0	11	38.7	1		32	68.2	24	64.5	8	82.6
Respiratory & intrathoracic organs (160-165)	4	16.4	2	21.1	2	13.4	4	27.6	4	27.6			12	39.0	11	38.7	1		22	46.9	20	53.7	2	20.6
Breast (174-175)							1	6.9	1	6.9			2	6.5	2	7.0			7	14.9	7	18.8		
Female genital organs (179-184)	2	8.2			2	13.4	2	13.8	2	13.8			3	9.7	2	7.0	1		7	14.9	6	16.1	1	10.3
Male genital organs (185-187)	2	8.2	1	10.6	1	6.7	2	13.8	2	13.8			5	16.2	5	17.6			8	17.1	5	13.4	3	31.0
Urinary organs (188-189)	1	4.1	1	10.6									4	13.0	4	14.1			5	10.7	5	13.4		
Other & unsp. sites (170-173, 190-199)	2	8.2	1	10.6	1	6.7	4	27.6	4	27.6			10	32.5	10	35.2			10	21.3	8	21.5	2	20.6
Leukemia (204-208)	2	8.2	2	21.1									1	3.2	1	3.5			6	12.8	5	13.4	1	10.3
Other lymphatic & hematopoietic tissue (200-203)	1	4.1			1	6.7							2	6.5	2	7.0			10	21.3	9	24.2	1	10.3
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	2	8.2	1	10.6	1	6.7	1	6.9	1	6.9			1	3.2	1	3.5			2	4.3	2	5.4		
Diabetes mellitus (250)	1	4.1	1	10.6			3	20.7	3	20.7			6	19.5	4	14.1	2		7	14.9	6	16.1	1	10.3
Nutritional deficiencies (260-269)																								
Anemias (280-285)																			1	2.1	1	2.7		
Meningitis (320-322)																								
Diseases of heart (390-398, 402, 404-429)	46	188.5	30	317.2	16	107.1	58	400.0	58	400.2			116	376.6	105	369.8	11		227	484.0	187	502.5	40	412.9
Rheumatic fever & rheumatic heart disease (390-398)																			2	4.3	1	2.7	1	10.3
Hypertensive heart disease (402)	1	4.1	1	10.6			1	6.9	1	6.9			2	6.5	2	7.0			6	12.8	5	13.4	1	10.3
Hypertensive heart & renal disease (404)	1	4.1			1	6.7													1	2.1	1	2.7		
Ischemic heart disease (410-414)	36	147.5	23	243.2	13	87.0	56	386.2	56	386.4			98	318.2	89	313.4	9		184	392.3	156	419.2	28	289.0
All other forms of heart disease (415-429)	8	32.8	6	63.4	2	13.4	1	6.9	1	6.9			16	51.9	14	49.3	2		34	72.5	24	64.5	10	103.2
Hypertension, with or without renal disease (401, 403)	1	4.1	1	10.6									1	3.2			1		4	8.5	2	5.4	2	20.6
Cerebrovascular disease (430-438)	35	143.4	13	137.4	22	147.2	16	110.3	16	110.4			25	81.2	24	84.5	1		65	138.6	55	147.8	10	103.2
Atherosclerosis (440)	1	4.1			1	6.7							6	19.5	6	21.1			25	53.3	21	56.4	4	41.3
Other diseases of arteries, arterioles and capillaries (441-448)	5	20.5	3	31.7	2	13.4	1	6.9	1	6.9			3	9.7	3	10.6			4	8.5	4	10.7		
Acute bronchitis & bronchiolitis (466)																								
Pneumonia (480-486)	4	16.4	1	10.6	3	20.1	7	48.3	7	48.3			6	19.5	6	21.1			13	27.7	12	32.2	1	10.3
Influenza (487)																			1	2.1			1	10.3
Bronchitis, chronic & unsp. (490-491)													1	3.2	1	3.5			1	2.1	1	2.7		
Emphysema (492)							1	6.9	1	6.9			2	6.5	2	7.0			1	2.1	1	2.7		
Asthma (493)																			1	2.1	1	2.7		
Other chronic obstructive pulmonary disease & allied conditions (494-496)	3	12.3	3	31.7			3	20.7	3	20.7			4	13.0	3	10.6	1		6	12.8	6	16.1		
Ulcer of stomach & duodenum (531-533)							1	6.9	1	6.9			1	3.2	1	3.5			1	2.1	1	2.7		
Appendicitis (540-543)	1	4.1			1	6.7													1	2.1			1	10.3
Hernia & intestinal obstruction (550-553, 560)	1	4.1			1	6.7							2	6.5	2	7.0								
Chronic liver disease & cirrhosis (571)							1	6.9	1	6.9			4	13.0	3	10.6	1		6	12.8	5	13.4	1	10.3
Cholelithiasis & other disorders of gallbladder (574-575)													1	3.2	1	3.5								
Acute glomerulonephritis & nephrotic syndrome (580-581)													1	3.2	1	3.5								
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)													2	6.5	2	7.0			1	2.1	1	2.7		
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)													4	13.0	4	14.1			1	2.1	1	2.7		
Infections of kidney (590)																			2	4.3	2	5.4		
Hyperplasia of prostate (600)																								
Complications of pregnancy, childbirth & the puerperium (630-676)																								
Congenital anomalies (740-759)							3	20.7	3	20.7			2	6.5	2	7.0			2	4.3	2	5.4		
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	1	4.1			1	6.7																		
Other conditions originating in the perinatal period (760-766, 770-779)	5	20.5	1	10.6	4	26.8	3	20.7	3	20.7			4	13.0	3	10.6	1		4	8.5			4	41.3
Symptoms, signs & ill-defined conditions (780-799)	8	32.8	1	10.6	7	46.8	2	13.8	2	13.8			4	13.0	3	10.6	1		2	4.3	2	5.4		
All other diseases	8	32.8	2	21.1	6	40.2	6	41.4	6	41.4			18	58.4	16	56.3	2		21	44.8	15	40.3	6	61.9
Motor vehicle accidents (E810-E825)	6	24.6	4	42.3	2	13.4	7	48.3	7	48.3			8	26.0	7	24.7	1		17	36.2	15	40.3	2	20.6
All other accidents & adverse effects (E800-E807, E826-E949)	7	28.7	2	21.1	5	33.5	7	48.3	7	48.3			7	22.7	6	21.1	1		17	36.2	12	32.2	5	51.6
Suicide (E950-E959)	1	4.1	1	10.6			3	20.7	3	20.7			4	13.0	4	14.1			10	21.3	10	26.9		
Homicide & legal intervention (E960-E978)							2	13.8	2	13.8			1	3.2	1	3.5			2	4.3	2	5.4		
All other external causes (E980-E999)	1	4.1			1	6.7																		

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	GILES			GRAINGER			GREEN			GRUNDY		
Estimated Population, July 1, 1979	TOTAL 23,406	WHITE 19,753	NONWHITE 3,647	TOTAL 17,380	WHITE 17,084	NONWHITE 216	TOTAL 51,600	WHITE 50,311	NONWHITE 1,289	TOTAL 13,000	WHITE 12,971	NONWHITE 29
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	340 14.5	302 15.3	38 10.4	219 12.7	216 12.6	3 13.9	691 13.4	665 13.2	26 20.2	239 18.4	238 18.3	1 34.5
ILLEGITIMATE BIRTHS	36 10.6	17 5.6	19 58.8	16 7.3	13 6.0	3 . . .	72 10.4	59 8.9	13 98.8	24 18.8	24 18.1	. . . .
LOW-WEIGHT BIRTHS (Less than 2500 grams)	18 5.3	16 5.3	2 5.3	10 4.6	9 4.2	1 . . .	50 7.2	46 6.9	4 15.4	10 4.2	10 4.2	. . . .
INFANT DEATHS (Under one year of age)	4 11.8	4 13.2	. . . .	. . . .	. . . .	. . . .	10 14.5	9 13.5	1 38.5	4 16.7	4 16.8	. . . .
Neonatal Deaths (Under 28 days of age)	2 5.9	2 6.6	. . . .	. . . .	. . . .	. . . .	7 10.1	6 9.0	1 38.5	4 16.7	4 16.8	. . . .
Under 7 days of age	2 . . .	2 . . .	. . . .	. . . .	. . . .	. . . .	6 . . .	5 . . .	1 . . .	3 . . .	3 . . .	. . . .
7-27 days of age	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 . . .	1 . . .	. . . .	1 . . .	1 . . .	. . . .
MATERNAL DEATHS (ICD codes 630-676)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
FETAL DEATHS	3 8.8	2 6.6	1 26.3	. . . .	. . . .	. . . .	5 7.2	5 7.5	. . . .	. . . .	. . . .	. . . .
INDUCED TERMINATIONS OF PREGNANCY	49 144.1	39 129.1	10 263.2	22 100.5	21 97.2	1 . . .	140 202.6	135 203.0	5 192.3	7 29.3	7 29.4	. . . .
TOTAL DEATHS	253 10.8	215 10.9	38 10.4	137 7.9	136 8.0	1 4.6	449 8.7	435 8.6	14 10.9	129 9.9	129 9.9	. . . .
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Certain other intestinal infections (007-009)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Tuberculosis, all forms (010-018)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Whooping cough (033)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Streptococcal sore throat, scarlatina & erysipelas (034-035)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Meningococcal infection (036)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Septicemia (038)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 1.9	1 2.0	. . . .	. . . .	. . . .	. . . .
Acute poliomyelitis (045)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Viral encephalitis (049.8-049.9, 062-064)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Measles (055)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Viral hepatitis (070)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Rocky Mtn. spotted fever (082.0)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Syphilis (090-097)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
All other infectious & parasitic diseases (remainder of 001-139)	. . . .	. . . .	. . . .	2 11.6	2 11.7	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Malignant neoplasms (140-208)	59 252.1	44 222.8	15 . . .	26 150.3	26 152.2	. . . .	90 174.4	88 174.9	2 . . .	24 184.6	24 185.0	. . . .
Lip, oral cavity & pharynx (140-149)	. . . .	. . . .	. . . .	3 17.3	3 17.6	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Digestive organs & peritoneum (150-159)	13 55.6	8 40.5	5 . . .	3 17.3	3 17.6	. . . .	28 54.3	28 55.7	. . . .	10 76.9	10 77.1	. . . .
Respiratory & intrathoracic organs (160-165)	17 72.6	14 70.9	3 . . .	10 57.8	10 58.5	. . . .	25 48.4	24 47.7	1 . . .	6 46.2	6 46.3	. . . .
Breast (174-175)	7 29.9	4 20.3	3 . . .	2 11.6	2 11.7	. . . .	4 7.8	4 8.0	. . . .	1 7.7	1 7.7	. . . .
Female genital organs (179-184)	. . . .	. . . .	. . . .	2 11.6	2 11.7	. . . .	9 17.4	9 17.9	. . . .	. . . .	. . . .	. . . .
Male genital organs (185-187)	4 17.1	2 10.1	2 . . .	. . . .	. . . .	. . . .	4 7.8	4 8.0	. . . .	. . . .	. . . .	. . . .
Urinary organs (188-189)	2 8.5	2 10.1	. . . .	1 5.8	1 5.9	. . . .	4 7.8	3 6.0	1 . . .	. . . .	. . . .	. . . .
Other & unsp. sites (170-173, 190-199)	13 55.6	12 60.8	1 . . .	3 17.3	3 17.6	. . . .	8 15.5	8 15.9	. . . .	5 38.5	5 38.5	. . . .
Leukemia (204-208)	. . . .	. . . .	. . . .	1 5.8	1 5.9	. . . .	3 5.8	3 6.0	. . . .	. . . .	. . . .	. . . .
Other lymphatic & hematopoietic tissue (200-203)	3 12.8	2 10.1	1 . . .	1 5.8	1 5.9	. . . .	5 9.7	5 9.9	. . . .	2 15.4	2 15.4	. . . .
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Diabetes mellitus (250)	2 8.5	1 5.1	1 . . .	1 5.8	1 5.9	. . . .	8 15.5	8 15.9	. . . .	2 15.4	2 15.4	. . . .
Nutritional deficiencies (260-269)	1 4.3	1 5.1	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	2 15.4	2 15.4	. . . .
Anemias (280-285)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Meningitis (320-322)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Diseases of heart (390-398, 402, 404-429)	87 371.8	81 410.1	6 . . .	33 190.8	33 193.2	. . . .	187 362.4	178 353.8	9 . . .	48 369.2	48 370.1	. . . .
Rheumatic fever & rheumatic heart disease (390-398)	3 12.8	3 15.2	. . . .	. . . .	. . . .	. . . .	2 3.9	2 4.0	. . . .	1 7.7	1 7.7	. . . .
Hypertensive heart disease (402)	4 17.1	4 20.3	. . . .	. . . .	. . . .	. . . .	4 7.8	4 8.0	. . . .	2 15.4	2 15.4	. . . .
Hypertensive heart & renal disease (404)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	2 3.9	2 4.0	. . . .	. . . .	. . . .	. . . .
Ischemic heart disease (410-414)	68 290.6	63 318.9	5 . . .	24 138.7	24 140.5	. . . .	144 279.1	138 274.3	6 . . .	35 269.2	35 269.8	. . . .
All other forms of heart disease (415-429)	12 51.3	11 55.7	1 . . .	9 52.0	9 52.7	. . . .	35 67.8	32 63.6	3 . . .	10 76.9	10 77.1	. . . .
Hypertension, with or without renal disease (401, 403)	1 4.3	. . . .	1 . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Cerebrovascular disease (430-438)	24 102.6	20 101.3	4 . . .	19 109.8	19 111.2	. . . .	34 65.9	34 67.6	. . . .	7 53.8	7 54.0	. . . .
Atherosclerosis (440)	5 21.4	3 15.2	2 . . .	1 5.8	1 5.9	. . . .	6 11.6	6 11.9	. . . .	4 30.8	4 30.8	. . . .
Other diseases of arteries, arterioles and capillaries (441-448)	3 12.8	2 10.1	1 . . .	. . . .	. . . .	. . . .	7 13.6	7 13.9	. . . .	1 7.7	1 7.7	. . . .
Acute bronchitis & bronchiolitis (466)	. . . .	. . . .	. . . .	1 5.8	1 5.9	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Pneumonia (480-486)	9 38.5	8 40.5	1 . . .	1 5.8	1 5.9	. . . .	8 15.5	8 15.9	. . . .	3 23.1	3 23.1	. . . .
Influenza (487)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Bronchitis, chronic & unsp. (490-491)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Emphysema (492)	3 12.8	3 15.2	. . . .	2 11.6	2 11.7	. . . .	2 3.9	2 4.0	. . . .	2 15.4	2 15.4	. . . .
Asthma (493)	. . . .	. . . .	. . . .	1 5.8	1 5.9	. . . .	2 3.9	2 4.0	. . . .	1 7.7	1 7.7	. . . .
Other chronic obstructive pulmonary disease & allied conditions (494-496)	3 12.8	3 15.2	. . . .	6 34.7	6 35.1	. . . .	8 15.5	8 15.9	. . . .	. . . .	. . . .	. . . .
Ulcer of stomach & duodenum (531-533)	3 12.8	3 15.2	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Appendicitis (540-543)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Hernia & intestinal obstruction (550-553, 560)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 1.9	1 2.0	. . . .	. . . .	. . . .	. . . .
Chronic liver disease & cirrhosis (571)	. . . .	. . . .	. . . .	1 5.8	1 5.9	. . . .	7 13.6	7 13.9	. . . .	. . . .	. . . .	. . . .
Cholelithiasis & other disorders of gallbladder (574-575)	1 4.3	1 5.1	. . . .	. . . .	. . . .	. . . .	1 1.9	1 2.0	. . . .	. . . .	. . . .	. . . .
Acute glomerulonephritis & nephrotic syndrome (580-581)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	1 4.3	. . . .	1 . . .	. . . .	. . . .	. . . .	2 3.9	2 4.0	. . . .	. . . .	. . . .	. . . .
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	4 17.1	4 20.3	. . . .	. . . .	. . . .	. . . .	1 1.9	1 2.0	. . . .	1 7.7	1 7.7	. . . .
Infections of kidney (590)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 1.9	1 2.0	. . . .	. . . .	. . . .	. . . .
Hyperplasia of prostate (600)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Complications of pregnancy, childbirth & the puerperium (630-676)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Congenital anomalies (740-759)	1 4.3	1 5.1	. . . .	. . . .	. . . .	. . . .	7 13.6	7 13.9	. . . .	. . . .	. . . .	. . . .
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 1.9	1 2.0	. . . .	. . . .	. . . .	. . . .
Other conditions originating in the perinatal period (760-766, 770-779)	1 4.3	1 5.1	. . . .	. . . .	. . . .	. . . .	4 7.8	3 6.0	1 . . .	4 30.8	4 30.8	. . . .
Symptoms, signs & ill-defined conditions (780-799)	3 12.8	2 10.1	1 . . .	15 86.7	14 81.9	1 . . .	1 1.9	1 2.0	. . . .	1 7.7	1 7.7	. . . .
All other diseases	19 81.2	17 86.1	2 . . .	6 34.7	6 35.1	. . . .	26 50.4	25 49.7	1 . . .	10 76.9	10 77.1	. . . .
Motor vehicle accidents (E810-E825)	10 42.7	8 40.5	2 . . .	11 63.6	11 64.4	. . . .	18 34.9	18 35.8	. . . .	8 61.5	8 61.7	. . . .
All other accidents & adverse effects (E800-E807, E826-E949)	5 21.4	5 25.3	. . . .	4 23.1	4 23.4	. . . .	18 34.9	18 35.8	. . . .	7 53.8	7 54.0	. . . .
Suicide (E950-E959)	5 21.4	5 25.3	. . . .	4 23.1	4 23.4	. . . .	5 9.7	5 9.9	. . . .	2 15.4	2 15.4	. . . .
Homicide & legal intervention (E960-E978)	2 8.5	1 5.1	1 . . .	3 17.3	3 17.6	. . . .	3 5.8	2 4.0	1 . . .	2 15.4	2 15.4	. . . .
All other external causes (E980-E999)	1 4.3	1 5.1	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	HAMBLEN						HAMILTON						HANCOCK						HARDEMAN					
Estimated Population, July 1, 1979	TOTAL 46,100		WHITE 43,565		NONWHITE 2,535		TOTAL 272,300		WHITE 222,096		NONWHITE 50,204		TOTAL 6,500		WHITE 6,419		NONWHITE 81		TOTAL 23,100		WHITE 14,191		NONWHITE 8,909	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	685	14.9	654	15.0	31	12.2	4,350	16.0	3,166	14.3	1,184	23.6	102	15.7	102	15.9	...	...	398	17.2	190	13.4	208	23.3
ILLEGITIMATE BIRTHS	89	13.0	70	10.7	19	61.3	902	20.7	232	7.3	670	56.6	8	7.8	8	7.8	...	...	134	33.7	13	6.8	121	58.2
LOW-WEIGHT BIRTHS (Less than 2500 grams)	38	5.5	35	5.4	3	9.7	322	7.4	175	5.5	147	12.4	9	8.8	9	8.8	...	...	53	13.3	24	12.6	29	13.9
INFANT DEATHS (Under one year of age)	13	19.0	12	18.3	1	32.3	48	11.0	29	9.2	19	16.0	2	19.6	2	19.6	...	...	4	10.1	2	10.5	2	9.6
Neonatal Deaths (Under 28 days of age)	9	13.1	8	12.2	1	32.3	32	7.4	21	6.6	11	9.3	1	9.8	1	9.8	...	...	1	2.5	...	...	1	4.8
Under 7 days of age	7	...	6	...	1	...	22	...	13	...	9	...	1	...	1	...	...	...	1	...	...	...	1	...
7-27 days of age	2	...	2	...	...	...	10	...	8	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
MATERNAL DEATHS (ICD codes 630-676)	...	...	...	...	...	...	2	4.6	...	...	2	16.9	...	...	...	...	...	...	...	...	...	...	...	...
FETAL DEATHS	7	10.2	7	10.7	...	...	32	7.4	21	6.6	11	9.3	1	9.8	1	9.8	...	...	2	5.0	1	5.3	1	4.8
INDUCED TERMINATIONS OF PREGNANCY	197	287.6	182	278.3	15	483.9	1,023	235.2	733	231.5	286	241.6	7	68.6	7	68.6	...	...	57	143.2	22	115.8	35	168.3
TOTAL DEATHS	368	8.0	347	8.0	21	8.3	2,489	9.1	1,913	8.6	576	11.5	74	11.4	74	11.5	...	...	232	10.0	152	10.7	80	9.0
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Certain other intestinal infections (007-009)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculosis, all forms (010-018)	1	2.2	1	2.3	...	...	6	2.2	3	1.4	3	6.0	...	...	...	...	...	...	...	...	...	...	...	...
Whooping cough (033)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Streptococcal sore throat, scarlatina & erysipelas (034-035)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningococcal infection (036)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Septicemia (038)	...	...	...	...	...	...	6	2.2	2	0.9	4	8.0	...	...	...	...	...	...	...	...	...	...	...	...
Acute poliomyelitis (045)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral encephalitis (049.8-049.9, 062-064)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles (055)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Viral hepatitis (070)	1	2.2	1	2.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rocky Mtn. spotted fever (082.0)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis (090-097)	...	...	...	...	...	...	1	0.4	...	...	1	2.0	...	...	...	...	...	...	...	...	...	...	...	...
All other infectious & parasitic diseases (remainder of 001-139)	...	...	...	...	...	...	7	2.6	5	2.3	2	4.0	...	...	...	...	...	...	...	...	...	...	...	...
Malignant neoplasms (140-208)	62	134.5	61	140.0	1	...	523	192.1	410	184.6	113	225.1	12	184.6	12	186.9	...	...	40	173.2	25	176.2	15	168.4
Lip, oral cavity & pharynx (140-149)	2	4.3	2	4.6	...	...	8	2.9	7	3.2	1	2.0	...	...	...	...	...	...	3	13.0	3	21.1	...	...
Digestive organs & peritoneum (150-159)	12	26.0	12	27.5	...	...	131	48.1	99	44.6	32	63.7	4	61.5	4	62.3	...	...	8	34.6	2	14.1	6	67.3
Respiratory & intrathoracic organs (160-165)	13	28.2	13	29.8	...	...	144	52.9	108	48.6	36	71.7	4	61.5	4	62.3	...	...	9	39.0	7	49.3	2	22.4
Breast (174-175)	4	8.7	4	9.2	...	...	39	14.3	30	13.5	9	17.9	1	15.4	1	15.6	...	...	1	4.3	...	...	1	11.2
Female genital organs (179-184)	3	6.5	3	6.9	...	...	43	15.8	31	14.0	12	23.9	1	15.4	1	15.6	...	...	4	17.3	3	21.1	1	11.2
Male genital organs (185-187)	1	2.2	1	2.3	...	...	29	10.7	21	9.5	8	15.9	...	...	...	...	...	...	1	4.3	1	7.0	...	...
Urinary organs (188-189)	5	10.8	5	11.5	...	...	23	8.4	20	9.0	3	6.0	...	...	...	...	...	...	1	4.3	...	...	1	11.2
Other & unsp. sites (170-173, 190-199)	14	30.4	14	32.1	...	...	62	22.8	55	24.8	7	13.9	2	30.8	2	31.2	...	...	8	34.6	6	42.3	2	22.4
Leukemia (204-208)	6	13.0	5	11.5	1	...	15	5.5	13	5.9	2	4.0	...	...	...	...	...	...	2	8.7	2	14.1	...	...
Other lymphatic & hematopoietic tissue (200-203)	2	4.3	2	4.6	...	...	29	10.7	26	11.7	3	6.0	...	...	...	...	...	...	3	13.0	1	7.0	2	22.4
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	...	...	...	...	...	...	7	2.6	6	2.7	1	2.0	...	...	...	...	...	...	2	8.7	2	14.1	...	...
Diabetes mellitus (250)	9	19.5	8	18.4	1	...	38	14.0	27	12.2	11	21.9	1	15.4	1	15.6	...	...	2	8.7	2	14.1	...	...
Nutritional deficiencies (260-269)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Anemias (280-285)	1	2.2	...	...	1	...	5	1.8	4	1.8	1	2.0	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (320-322)	...	...	...	...	...	...	2	0.7	1	0.5	1	2.0	...	...	...	...	...	...	...	...	...	...	...	...
Diseases of heart (390-398, 402, 404-429)	133	288.5	127	291.5	6	...	967	355.1	755	339.9	212	422.3	34	523.1	34	529.7	...	...	90	389.6	61	429.8	29	325.5
Rheumatic fever & rheumatic heart disease (390-398)	1	2.2	1	2.3	...	...	8	2.9	7	3.2	1	2.0	1	15.4	1	15.6	...	...	1	4.3	1	7.0	...	...
Hypertensive heart disease (402)	1	2.2	1	2.3	...	...	28	10.3	22	9.9	6	12.0	...	...	...	...	...	...	2	8.7	1	7.0	1	11.2
Hypertensive heart & renal disease (404)	...	...	...	...	...	...	3	1.1	3	1.4	...	...	...	...	...	...	...	...	1	4.3	...	...	1	11.2
Ischemic heart disease (410-414)	121	262.5	116	266.3	5	...	807	296.4	628	282.8	179	356.5	32	492.3	32	498.5	...	...	78	337.7	55	387.6	23	258.2
All other forms of heart disease (415-429)	10	21.7	9	20.7	1	...	121	44.4	95	42.8	26	51.8	1	15.4	1	15.6	...	...	8	34.6	4	28.2	4	44.9
Hypertension, with or without renal disease (401, 403)	...	...	...	...	...	...	9	3.3	6	2.7	3	6.0	...	...	...	...	...	...	1	4.3	...	...	1	11.2
Cerebrovascular disease (430-438)	75	162.7	71	163.0	4	...	267	98.1	204	91.9	63	125.5	5	76.9	5	77.9	...	...	28	121.2	16	112.7	12	134.7
Atherosclerosis (440)	...	...	...	...	...	...	37	13.6	33	14.9	4	8.0	1	15.4	1	15.6	...	...	3	13.0	3	21.1	...	...
Other diseases of arteries, arterioles and capillaries (441-448)	...	...	...	...	...	...	18	6.6	16	7.2	2	4.0	1	15.4	1	15.6	...	...	1	4.3	1	7.0	...	...
Acute bronchitis & bronchiolitis (466)	2	4.3	2	4.6	...	...	2	0.7	2	0.9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia (480-486)	13	28.2	13	29.8	...	...	69	25.3	55	24.8	14	27.9	4	61.5	4	62.3	...	...	5	21.6	3	21.1	2	22.4
Influenza (487)	...	...	...	...	...	...	1	0.4	1	0.5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis, chronic & unsp. (490-491)	2	4.3	2	4.6	...	...	9	3.3	6	2.7	3	6.0	...	...	...	...	...	...	...	...	...	...	...	...
Emphysema (492)	1	2.2	1	2.3	...	...	9	3.3	9	4.1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Asthma (493)	...	...	...	...	...	...	3	1.1	2	0.9	1	2.0	...	...	...	...	...	...	...	...	...	...	...	...
Other chronic obstructive pulmonary disease & allied conditions (494-496)	4	8.7	4	9.2	...	...	36	13.2	28	12.6	8	15.9	1	15.4	1	15.6	...	...	2	8.7	2	14.1	...	...
Ulcer of stomach & duodenum (531-533)	2	4.3	2	4.6	...	...	8	2.9	3	1.4	5	10.0	...	...	...	...	...	...	...	...	...	...	...	...
Appendicitis (540-543)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hernia & intestinal obstruction (550-553, 560)	...	...	...	...	...	...	11	4.0	8	3.6	3	6.0	...	...	...	...	...	...	1	4.3	1	7.0	...	...
Chronic liver disease & cirrhosis (571)	...	...	...	...	...	...	37	13.6	25	11.3	12	23.9	...	...	...	...	...	...	4	17.3	3	21.1	1	11.2
Cholelithiasis & other disorders of gallbladder (574-575)	...	...	...	...	...	...	8	2.9	7	3.2	1	2.0	...	...	...	...	...	...	1	4.3	...	...	1	11.2
Acute glomerulonephritis & nephrotic syndrome (580-581)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	...	...	...	...	...	...	7	2.6	1	0.5	6	12.0	...	...	...	...	...	...	...	...	...	...	...	...
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	...	...	...	...	...	...	12	4.4	7	3.2	5	10.0	...	...	...	...	...	...	2	8.7	2	14.1	...	...
Infections of kidney (590)	...	...	...	...	...	...	4	1.5	3	1.4	1	2.0	...	...	...	...	...	...	1	4.3	1	7.0	...	...
Hyperplasia of prostate (600)	...	...	...	...	...	...	1	0.4	1	0.5	...	...	...	...	...	...	...	...	1	4.3	1	7.0	...	...
Complications of pregnancy, childbirth & the puerperium (630-676)	...	...	...	...	...	...	2	4.6	...	...	2	16.9	...	...	...	...	...	...	...	...	...	...	...	...
Congenital anomalies (740-759)	1	2.2	1	2.3	...	...	12	4.4	10	4.5	2	4.0	2	30.8	2	31.2	...	...	2	8.7	1	7.0	1	11.2
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	3	6.5	3	6.9	...	...	6	2.2	4	1.8	2	4.0	...	...	...	...	...	...	...	...	...	...	...	...
Other conditions originating in the perinatal period (760-766, 770-779)	5	10.8	4	9.2	1	...	18	6.6	9	4.1	9	17.9	...	...	...	...	...	...	1	4.3	...	...	1	11.2
Symptoms, signs & ill-defined conditions (780-799)	5	10.8	4	9.2	1	...	13	4.8	9	4.1	4	8.0	1	15.4	1	15.6	...	...	7	30.3	3	21.1	4	44.9
All other diseases	19	41.2	18	41.3	1	...	112	41.1	85	38.3	27	53.8	7	107.7	7	109.1	...	...	15	64.9	12	84.6	3	33.7
Motor vehicle accidents (E810-E825)	13	28.2	10	23.0	3	...	70	25.7	61	27.5	9	17.9	2	30.8	2	31.2	...	...	11	47.6	4	28.2	7	78.6
All other accidents & adverse effects (E800-E807, E826-E949)	8	17.4	7	16.1	1	...	65	23.9	50	22.5	15	29.9	2	30.8	2	31.2	...	...	6	26.0	5	35.2	1	11.2
Suicide (E950-E959)	5	10.8	5	11.5	...	...	33	12.1	30	13.5	3	6.0	...	...	...	...	...	...	4	17.3	3	21.1	1	11.2
Homicide & legal intervention (E960-E978)	2	4.3	2	4.6	...	...	39	14.3	19	8.6	20	39.8	...	...	...	...	...	...	2	8.7	1	7.0	1	11.2
All other external causes (E980-E999)	1	2.2	...	...	1	...	9	3.3	6	2.7	3	6.0	1	15.4	1	15.6	...	...	...	...	...	...	...	...

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	HARDIN						HAWKINS						HAYWOOD						HENDERSON					
Estimated Population, July 1, 1979	TOTAL 20,900		WHITE 19,690		NONWHITE 1,210		TOTAL 39,900		WHITE 38,680		NONWHITE 1,220		TOTAL 21,500		WHITE 9,726		NONWHITE 11,774		TOTAL 20,300		WHITE 18,250		NONWHITE 2,050	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	323	15.5	301	15.3	22	18.2	550	13.8	539	13.9	11	9.0	369	17.2	143	14.7	226	19.2	306	15.1	282	15.5	24	11.7
ILLEGITIMATE BIRTHS	35	10.8	25	8.3	10	45.5	36	6.5	32	5.9	4	36.4	117	31.7	7	4.9	110	48.7	29	9.5	20	7.1	9	37.5
LOW-WEIGHT BIRTHS (Less than 2500 grams)	22	6.8	21	7.0	1	4.5	49	8.9	48	8.9	1	9.1	23	6.2	8	5.6	15	6.6	24	7.8	21	7.4	3	12.5
INFANT DEATHS (Under one year of age)	4	12.4	3	10.0	1	45.5	9	16.4	9	16.7			7	19.0	2	14.0	5	22.1	1	3.3			1	41.7
Neonatal Deaths (Under 28 days of age)	2	6.2	1	3.3	1	45.5	6	10.9	6	11.1			7	19.0	2	14.0	5	22.1						
Under 7 days of age	1		1				4		4				6		2		4							
7-27 days of age	1				1		2		2				1				1							
MATERNAL DEATHS (ICD codes 630-676)																								
FETAL DEATHS	3	9.3	3	10.0			7	12.7	7	13.0			4	10.8	2	14.0	2	8.8	2	6.5	1	3.5	1	41.7
INDUCED TERMINATIONS OF PREGNANCY	52	161.0	49	162.8	3	136.4	92	167.3	86	159.6	6	545.5	51	138.2	21	146.9	30	132.7	48	156.9	35	124.1	13	541.7
TOTAL DEATHS	209	10.0	195	9.9	14	11.6	334	8.4	326	8.4	8	6.6	203	9.4	112	11.5	91	7.7	211	10.4	199	10.9	12	5.9
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)																								
Certain other intestinal infections (007-009)																								
Tuberculosis, all forms (010-018)																								
Whooping cough (033)																								
Streptococcal sore throat, scarlatina & erysipelas (034-035)																								
Meningococcal infection (036)	1	4.8	1	5.1																				
Septicemia (038)	2	9.6	2	10.2									1	4.7	1	10.3								
Acute poliomyelitis (045)																								
Viral encephalitis (049.8-049.9, 062-064)																								
Measles (055)																								
Viral hepatitis (070)																			1	4.9			1	
Rocky Mtn. spotted fever (082.0)																								
Syphilis (090-097)																								
All other infectious & parasitic diseases (remainder of 001-139)																								
Malignant neoplasms (140-208)	41	196.2	38	193.0	3		45	112.8	43	111.2	2		40	186.0	26	267.3	14	118.9	37	182.3	35	191.8	2	
Lip, oral cavity & pharynx (140-149)	1	4.8	1	5.1																				
Digestive organs & peritoneum (150-159)	11	52.6	10	50.8	1		16	40.1	15	38.8	1		9	41.9	8	82.3	1	8.5	11	54.2	11	60.3		
Respiratory & intrathoracic organs (160-165)	10	47.8	9	45.7	1		10	25.1	10	25.9			14	65.1	10	102.8	4	34.0	13	64.0	12	65.8	1	
Breast (174-175)	1	4.8	1	5.1			4	10.0	3	7.8	1		3	14.0			3	25.5	2	9.9	1	5.5	1	
Female genital organs (179-184)	3	14.4	3	15.2			3	7.5	3	7.8			1	4.7			1	8.5						
Male genital organs (185-187)	3	14.4	3	15.2			1	2.5	1	2.6			4	18.6	2	20.6	2	17.0	2	9.9	2	11.0		
Urinary organs (188-189)													1	4.7	1	10.3			1	4.9	1	5.5		
Other & unsp. sites (170-173, 190-199)	6	28.7	5	25.4	1		5	12.5	5	12.9			3	14.0	2	20.6	1	8.5	2	9.9	2	11.0		
Leukemia (204-208)	4	19.1	4	20.3			4	10.0	4	10.3			3	14.0	1	10.3	2	17.0	6	29.6	6	32.9		
Other lymphatic & hematopoietic tissue (200-203)	2	9.6	2	10.2			2	5.0	2	5.2			2	9.3	2	20.6								
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)							1	2.5	1	2.6									1	4.9	1	5.5		
Diabetes mellitus (250)	3	14.4	3	15.2			5	12.5	5	12.9			5	23.3	2	20.6	3	25.5	4	19.7	3	16.4	1	
Nutritional deficiencies (260-269)													1	4.7			1	8.5						
Anemias (280-285)																								
Meningitis (320-322)																								
Diseases of heart (390-398, 402, 404-429)	82	392.3	75	380.9	7		148	370.9	144	372.3	4		87	404.7	52	534.6	35	297.3	85	418.7	82	449.3	3	
Rheumatic fever & rheumatic heart disease (390-398)	1	4.8	1	5.1																				
Hypertensive heart disease (402)	2	9.6	1	5.1	1		5	12.5	5	12.9			4	18.6	1	10.3	3	25.5	1	4.9			1	
Hypertensive heart & renal disease (404)							2	5.0	1	2.6	1		1	4.7			1	8.5						
Ischemic heart disease (410-414)	70	334.9	65	330.1	5		107	268.2	105	271.5	2		69	320.9	43	442.1	26	220.8	76	374.4	74	405.5	2	
All other forms of heart disease (415-429)	9	43.1	8	40.6	1		34	85.2	33	85.3	1		13	60.5	8	82.3	5	42.5	8	39.4	8	43.8		
Hypertension, with or without renal disease (401, 403)	1	4.8	1	5.1			2	5.0	2	5.2									4	19.7	4	21.9		
Cerebrovascular disease (430-438)	27	129.2	26	132.0	1		39	97.7	38	98.2	1		18	83.7	7	72.0	11	93.4	37	182.3	35	191.8	2	
Atherosclerosis (440)	3	14.4	3	15.2			3	7.5	3	7.8			3	14.0	2	20.6	1	8.5	2	9.9	2	11.0		
Other diseases of arteries, arterioles and capillaries (441-448)	1	4.8	1	5.1			2	5.0	2	5.2														
Acute bronchitis & bronchiolitis (466)							1	2.5	1	2.6														
Pneumonia (480-486)	8	38.3	8	40.6			3	7.5	3	7.8			2	9.3	2	20.6			2	9.9	2	11.0		
Influenza (487)							1	2.5	1	2.6														
Bronchitis, chronic & unsp. (490-491)																								
Emphysema (492)	1	4.8	1	5.1			1	2.5	1	2.6									1	4.9	1	5.5		
Asthma (493)	1	4.8	1	5.1																				
Other chronic obstructive pulmonary disease & allied conditions (494-496)	2	9.6	2	10.2			11	27.6	11	28.4			1	4.7			1	8.5	1	4.9	1	5.5		
Ulcer of stomach & duodenum (531-533)							1	2.5	1	2.6									2	9.9	2	11.0		
Appendicitis (540-543)																								
Hernia & intestinal obstruction (550-553, 560)													1	4.7			1	8.5						
Chronic liver disease & cirrhosis (571)	1	4.8	1	5.1			3	7.5	2	5.2	1		4	18.6	1	10.3	3	25.5	1	4.9	1	5.5		
Cholelithiasis & other disorders of gallbladder (574-575)	1	4.8	1	5.1			2	5.0	2	5.2									1	4.9	1	5.5		
Acute glomerulonephritis & nephrotic syndrome (580-581)																								
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)							2	5.0	2	5.2			1	4.7			1	8.5						
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	1	4.8	1	5.1			1	2.5	1	2.6			3	14.0	1	10.3	2	17.0						
Infections of kidney (590)																								
Hyperplasia of prostate (600)													1	4.7			1	8.5						
Complications of pregnancy, childbirth & the puerperium (630-676)																								
Congenital anomalies (740-759)	1	4.8	1	5.1			8	20.1	8	20.7			1	4.7	1	10.3								
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)							3	7.5	3	7.8			2	9.3			2	17.0						
Other conditions originating in the perinatal period (760-766, 770-779)	2	9.6	1	5.1	1		1	2.5	1	2.6			3	14.0	1	10.3	2	17.0						
Symptoms, signs & ill-defined conditions (780-799)	2	9.6	2	10.2			4	10.0	4	10.3			2	9.3			2	17.0						
All other diseases	9	43.1	8	40.6	1		10	25.1	10	25.9			8	37.2	5	51.4	3	25.5	5	24.6	3	16.4	2	
Motor vehicle accidents (E810-E825)	9	43.1	9	45.7			11	27.6	11	28.4			11	51.2	6	61.7	5	42.5	11	54.2	11	60.3		
All other accidents & adverse effects (E800-E807, E826-E949)	5	23.9	5	25.4			12	30.1	12	31.0			6	27.9	4	41.1	2	17.0	6	29.6	6	32.9		
Suicide (E950-E959)	2	9.6	2	10.2			11	27.6	11	28.4			1	4.7	1	10.3			9	44.3	9	49.3		
Homicide & legal intervention (E960-E978)	2	9.6	1	5.1	1		3	7.5	3	7.8			1	4.7			1	8.5	1	4.9			1	
All other external causes (E980-E999)	1	4.8	1	5.1																				

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	HENRY			HICKMAN			HOUSTON			HUMPHREYS		
Estimated Population, July 1, 1979	TOTAL 26,200	WHITE 22,697	NONWHITE 3,503	TOTAL 14,700	WHITE 13,962	NONWHITE 738	TOTAL 6,700	WHITE 6,298	NONWHITE 402	TOTAL 15,800	WHITE 15,187	NONWHITE 613
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	391 14.9	339 14.9	52 14.8	180 12.2	167 12.0	13 17.6	70 10.4	67 10.6	3 7.5	249 15.8	236 15.5	13 21.2
ILLEGITIMATE BIRTHS	45 11.5	21 6.2	24 46.2	19 10.6	13 7.8	6 46.2	2 2.9	2 3.0	. . . .	22 8.8	18 7.6	4 30.8
LOW-WEIGHT BIRTHS (Less than 2500 grams)	16 4.1	14 4.1	2 3.8	20 11.1	15 9.0	5 38.5	5 7.1	3 4.5	2	17 6.8	11 4.7	6 46.2
INFANT DEATHS (Under one year of age)	5 12.8	5 14.7	. . . .	4 22.2	3 18.0	1 76.9	. . . .	. . . .	. . . .	5 20.1	3 12.7	2 153.8
Neonatal Deaths (Under 28 days of age)	4 10.2	4 11.8	. . . .	3 16.7	2 12.0	1 76.9	. . . .	. . . .	. . . .	3 12.0	1 4.2	2 153.8
Under 7 days of age	2	2	. . . .	1	1	. . . .	. . . .	. . . .	. . . .	3	1	2 . . . .
7-27 days of age	2	2	. . . .	2	1	1	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
MATERNAL DEATHS (ICD codes 630-676)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
FETAL DEATHS	8 20.5	6 17.7	2 38.5	2 11.1	2 12.0	. . . .	2 28.6	2 29.9	. . . .	3 12.0	3 12.7	. . . .
INDUCED TERMINATIONS OF PREGNANCY	58 148.3	46 135.7	12 230.8	23 127.8	23 137.7	. . . .	9 128.6	9 134.3	. . . .	39 156.6	36 152.5	3 230.8
TOTAL DEATHS	350 13.4	307 13.5	43 12.3	155 10.5	152 10.9	3 4.1	59 8.8	55 8.7	4 10.0	157 9.9	146 9.6	11 17.9
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Certain other intestinal infections (007-009)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Tuberculosis, all forms (010-018)	1 3.8	1 4.4	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Whooping cough (033)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Streptococcal sore throat, scarlatina & erysipelas (034-035)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Meningococcal infection (036)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Septicemia (038)	1 3.8	1 4.4	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Acute poliomyelitis (045)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Viral encephalitis (049.8-049.9, 062-064)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Measles (055)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Viral hepatitis (070)	1 3.8	1 4.4	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Rocky Mtn. spotted fever (082.0)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Syphilis (090-097)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
All other infectious & parasitic diseases (remainder of 001-139)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Malignant neoplasms (140-208)	70 267.2	63 277.6	7	41 278.9	40 286.5	1	8 119.4	8 127.0	. . . .	31 196.2	29 191.0	2 . . . .
Lip, oral cavity & pharynx (140-149)	1 3.8	1 4.4	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 6.3	1 6.6	. . . .
Digestive organs & peritoneum (150-159)	16 61.1	15 66.1	1	10 68.0	9 64.5	1	. . . .	. . . .	. . . .	5 31.6	5 32.9	. . . .
Respiratory & intrathoracic organs (160-165)	24 91.6	22 96.9	2	11 74.8	11 78.8	. . . .	5 74.6	5 79.4	. . . .	15 94.9	14 92.2	1 . . . .
Breast (174-175)	4 15.3	4 17.6	. . . .	4 27.2	4 28.6	. . . .	1 14.9	1 15.9	. . . .	. . . .	. . . .	. . . .
Female genital organs (179-184)	2 7.6	2 8.8	. . . .	1 6.8	1 7.2	. . . .	. . . .	. . . .	. . . .	2 12.7	2 13.2	. . . .
Male genital organs (185-187)	6 22.9	5 22.0	1	3 20.4	3 21.5	. . . .	1 14.9	1 15.9	. . . .	1 6.3	1 6.6	. . . .
Urinary organs (188-189)	3 11.5	3 13.2	. . . .	5 34.0	5 35.8	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Other & unsp. sites (170-173, 190-199)	5 19.1	5 22.0	. . . .	2 13.6	2 14.3	. . . .	. . . .	. . . .	. . . .	4 25.3	4 26.3	. . . .
Leukemia (204-208)	5 19.1	3 13.2	2	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 6.3	1 6.6	. . . .
Other lymphatic & hematopoietic tissue (200-203)	4 15.3	3 13.2	1	5 34.0	5 35.8	. . . .	1 14.9	1 15.9	. . . .	2 12.7	1 6.6	1 . . . .
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	3 11.5	3 13.2	. . . .	1 6.8	1 7.2	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Diabetes mellitus (250)	9 34.4	5 22.0	4	2 13.6	2 14.3	. . . .	1 14.9	1 15.9	. . . .	. . . .	. . . .	. . . .
Nutritional deficiencies (260-269)	3 11.5	3 13.2	. . . .	. . . .	. . . .	. . . .	1 14.9	1 15.9	. . . .	. . . .	. . . .	. . . .
Anemias (280-285)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Meningitis (320-322)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Diseases of heart (390-398, 402, 404-429)	116 442.7	105 462.6	11	58 394.6	57 408.3	1	30 447.8	26 412.8	4	63 398.7	60 395.1	3 . . . .
Rheumatic fever & rheumatic heart disease (390-398)	2 7.6	2 8.8	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 6.3	1 6.6	. . . .
Hypertensive heart disease (402)	6 22.9	3 13.2	3	. . . .	. . . .	. . . .	1 14.9	1 15.9	. . . .	1 6.3	1 6.6	. . . .
Hypertensive heart & renal disease (404)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Ischemic heart disease (410-414)	82 313.0	78 343.7	4	41 278.9	40 286.5	1	22 328.4	19 301.7	3	42 265.8	40 263.4	2 . . . .
All other forms of heart disease (415-429)	26 99.2	22 96.9	4	17 115.6	17 121.8	. . . .	7 104.5	6 95.3	1	19 120.3	18 118.5	1 . . . .
Hypertension, with or without renal disease (401, 403)	2 7.6	1 4.4	1	1 6.8	1 7.2	. . . .	1 14.9	1 15.9	. . . .	1 6.3	1 6.6	. . . .
Cerebrovascular disease (430-438)	57 217.6	48 211.5	9	12 81.6	12 85.9	. . . .	4 59.7	4 63.5	. . . .	6 38.0	6 39.5	. . . .
Atherosclerosis (440)	8 30.5	7 30.8	1	2 13.6	2 14.3	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Other diseases of arteries, arterioles and capillaries (441-448)	3 11.5	2 8.8	1	1 6.8	1 7.2	. . . .	1 14.9	1 15.9	. . . .	1 6.3	1 6.6	. . . .
Acute bronchitis & bronchiolitis (466)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Pneumonia (480-486)	11 42.0	8 35.2	3	3 20.4	3 21.5	. . . .	. . . .	. . . .	. . . .	4 25.3	4 26.3	. . . .
Influenza (487)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Bronchitis, chronic & unsp. (490-491)	1 3.8	1 4.4	. . . .	1 6.8	1 7.2	. . . .	. . . .	. . . .	. . . .	1 6.3	1 6.6	. . . .
Emphysema (492)	1 3.8	1 4.4	. . . .	2 13.6	2 14.3	. . . .	. . . .	. . . .	. . . .	3 19.0	3 19.8	. . . .
Asthma (493)	2 7.6	2 8.8	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 6.3	1 6.6	. . . .
Other chronic obstructive pulmonary disease & allied conditions (494-496)	10 38.2	8 35.2	2	2 13.6	2 14.3	. . . .	2 29.9	2 31.8	. . . .	2 12.7	2 13.2	. . . .
Ulcer of stomach & duodenum (531-533)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 6.3	1 6.6	. . . .
Appendicitis (540-543)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Hernia & intestinal obstruction (550-553, 560)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Chronic liver disease & cirrhosis (571)	5 19.1	5 22.0	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	4 25.3	4 26.3	. . . .
Cholelithiasis & other disorders of gallbladder (574-575)	. . . .	. . . .	. . . .	1 6.8	1 7.2	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Acute glomerulonephritis & nephrotic syndrome (580-581)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 14.9	1 15.9	. . . .	. . . .	. . . .	. . . .
Infections of kidney (590)	1 3.8	1 4.4	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 6.3	1 6.6	. . . .
Hyperplasia of prostate (600)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Complications of pregnancy, childbirth & the puerperium (630-676)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Congenital anomalies (740-759)	3 11.5	3 13.2	. . . .	2 13.6	2 14.3	. . . .	. . . .	. . . .	. . . .	2 12.7	2 13.2	. . . .
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	1 3.8	1 4.4	. . . .	2 13.6	1 7.2	1	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Other conditions originating in the perinatal period (760-766, 770-779)	2 7.6	2 8.8	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	3 19.0	1 6.6	2 . . . .
Symptoms, signs & ill-defined conditions (780-799)	. . . .	. . . .	. . . .	4 27.2	4 28.6	. . . .	. . . .	. . . .	. . . .	1 6.3	1 6.6	. . . .
All other diseases	15 57.3	13 57.3	2	8 54.4	8 57.3	. . . .	6 89.6	6 95.3	. . . .	10 63.3	9 59.3	1 . . . .
Motor vehicle accidents (E810-E825)	6 22.9	6 26.4	. . . .	6 40.8	6 43.0	. . . .	. . . .	. . . .	. . . .	7 44.3	7 46.1	. . . .
All other accidents & adverse effects (E800-E807, E826-E949)	10 38.2	9 39.7	1	4 27.2	4 28.6	. . . .	2 29.9	2 31.8	. . . .	6 38.0	5 32.9	1 . . . .
Suicide (E950-E959)	3 11.5	3 13.2	. . . .	1 6.8	1 7.2	. . . .	. . . .	. . . .	. . . .	1 6.3	1 6.6	. . . .
Homicide & legal intervention (E960-E978)	2 7.6	1 4.4	1	. . . .	. . . .	. . . .	1 14.9	1 15.9	. . . .	5 31.6	4 26.3	1 . . . .
All other external causes (E980-E999)	3 11.5	3 13.2	. . . .	1 6.8	1 7.2	. . . .	1 14.9	1 15.9	. . . .	3 19.0	2 13.2	1 . . . .

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	JACKSON			JEFFERSON			JOHNSON			KNOX		
Estimated Population, July 1, 1979	TOTAL 8,900	WHITE 8,868	NONWHITE 32	TOTAL 30,000	WHITE 28,994	NONWHITE 1,006	TOTAL 13,900	WHITE 13,767	NONWHITE 133	TOTAL 303,500	WHITE 277,062	NONWHITE 26,438
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	116 13.0	116 13.1	... ...	365 12.2	354 12.2	11 10.9	181 13.0	180 13.1	1 7.5	4,153 13.7	3,545 12.8	608 23.0
ILLEGITIMATE BIRTHS	8 6.9	8 6.9	... ...	40 11.0	36 10.2	4 36.4	22 12.2	21 11.7	1 ...	631 15.2	318 9.0	313 51.5
LOW-WEIGHT BIRTHS (Less than 2500 grams)	7 6.0	7 6.0	... ...	26 7.1	25 7.1	1 9.1	19 10.5	19 10.6	... ...	316 7.6	246 6.9	70 11.5
INFANT DEATHS (Under one year of age)	2 17.2	2 17.2	... ...	3 8.2	3 8.5	... ...	1 5.5	1 5.6	... ...	44 10.6	34 9.6	10 16.4
Neonatal Deaths (Under 28 days of age)	... ...	... ...	... ...	2 5.5	2 5.6	... ...	1 5.5	1 5.6	... ...	29 7.0	22 6.2	7 11.5
Under 7 days of age	... ...	... ...	... ...	1 ...	1 ...	... ...	1 ...	1 ...	... ...	23 ...	17 ...	6 ...
7-27 days of age	... ...	... ...	... ...	1 ...	1 ...	... ...	... ...	... ...	... ...	6 ...	5 ...	1 ...
MATERNAL DEATHS (ICD codes 630-676)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
FETAL DEATHS	1 8.6	1 8.6	... ...	4 11.0	4 11.3	... ...	1 5.5	1 5.6	... ...	41 9.9	35 9.9	6 9.9
INDUCED TERMINATIONS OF PREGNANCY	10 86.2	10 86.2	... ...	96 263.0	93 262.7	3 272.7	4 22.1	4 22.2	... ...	1,950 469.5	1,696 478.4	253 416.1
TOTAL DEATHS	103 11.6	102 11.5	1 31.2	234 7.8	224 7.7	10 9.9	131 9.4	130 9.4	1 7.5	2,605 8.6	2,314 8.4	291 11.0
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Certain other intestinal infections (007-009)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	1 0.3	1 0.4	... ...
Tuberculosis, all forms (010-018)	... ...	... ...	... ...	1 3.3	1 3.4	... ...	... ...	... ...	... ...	7 2.3	6 2.2	1 3.8
Whooping cough (033)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Streptococcal sore throat, scarlatina & erysipelas (034-035)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Meningococcal infection (036)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Septicemia (038)	... ...	... ...	... ...	... ...	... ...	... ...	1 7.2	1 7.3	... ...	7 2.3	6 2.2	1 3.8
Acute poliomyelitis (045)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Viral encephalitis (049.8-049.9, 062-064)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	1 0.3	1 0.4	... ...
Measles (055)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Viral hepatitis (070)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	2 0.7	2 0.7	... ...
Rocky Mtn. spotted fever (082.0)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Syphilis (090-097)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	1 0.3	1 0.4	... ...
All other infectious & parasitic diseases (remainder of 001-139)	... ...	... ...	... ...	1 3.3	1 3.4	... ...	... ...	... ...	... ...	3 1.0	3 1.1	... ...
Malignant neoplasms (140-208)	20 224.7	20 225.5	... ...	44 146.7	43 148.3	1 ...	24 172.7	24 174.3	... ...	509 167.7	456 164.6	53 200.5
Lip, oral cavity & pharynx (140-149)	... ...	... ...	... ...	... ...	... ...	... ...	1 7.2	1 7.3	... ...	14 4.6	12 4.3	2 7.6
Digestive organs & peritoneum (150-159)	4 44.9	4 45.1	... ...	12 40.0	11 37.9	1 ...	6 43.2	6 43.6	... ...	132 43.5	121 43.7	11 41.6
Respiratory & intrathoracic organs (160-165)	6 67.4	6 67.7	... ...	9 30.0	9 31.0	... ...	5 36.0	5 36.3	... ...	139 45.8	124 44.8	15 56.7
Breast (174-175)	... ...	... ...	... ...	... ...	... ...	... ...	3 21.6	3 21.8	... ...	39 12.9	35 12.6	4 15.1
Female genital organs (179-184)	1 11.2	1 11.3	... ...	7 23.3	7 24.1	... ...	5 36.0	5 36.3	... ...	32 10.5	27 9.7	5 18.9
Male genital organs (185-187)	3 33.7	3 33.8	... ...	2 6.7	2 6.9	... ...	... ...	... ...	... ...	18 5.9	17 6.1	1 3.8
Urinary organs (188-189)	... ...	... ...	... ...	1 3.3	1 3.4	... ...	... ...	... ...	... ...	21 6.9	19 6.9	2 7.6
Other & unsp. sites (170-173, 190-199)	2 22.5	2 22.6	... ...	9 30.0	9 31.0	... ...	2 14.4	2 14.5	... ...	60 19.8	54 19.5	6 22.7
Leukemia (204-208)	3 33.7	3 33.8	... ...	1 3.3	1 3.4	... ...	... ...	... ...	... ...	21 6.9	17 6.1	4 15.1
Other lymphatic & hematopoietic tissue (200-203)	1 11.2	1 11.3	... ...	3 10.0	3 10.3	... ...	2 14.4	2 14.5	... ...	33 10.9	30 10.8	3 11.3
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	5 1.6	4 1.4	1 3.8
Diabetes mellitus (250)	2 22.5	2 22.6	... ...	8 26.7	8 27.6	... ...	1 7.2	1 7.3	... ...	26 8.6	21 7.6	5 18.9
Nutritional deficiencies (260-269)	... ...	... ...	... ...	1 3.3	1 3.4	... ...	... ...	... ...	... ...	9 3.0	8 2.9	1 3.8
Anemias (280-285)	... ...	... ...	... ...	1 3.3	1 3.4	... ...	1 7.2	1 7.3	... ...	3 1.0	1 0.4	2 7.6
Meningitis (320-322)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	6 2.0	5 1.8	1 3.8
Diseases of heart (390-398, 402, 404-429)	29 325.8	28 315.7	1 ...	76 253.3	73 251.8	3 ...	42 302.2	41 297.8	1 ...	730 240.5	673 242.9	57 215.6
Rheumatic fever & rheumatic heart disease (390-398)	... ...	... ...	... ...	1 3.3	1 3.4	... ...	2 14.4	2 14.5	... ...	4 1.3	4 1.4	... ...
Hypertensive heart disease (402)	1 11.2	1 11.3	... ...	3 10.0	2 6.9	1 ...	... ...	... ...	... ...	19 6.3	12 4.3	7 26.5
Hypertensive heart & renal disease (404)	1 11.2	... ...	1 ...	... ...	... ...	... ...	1 7.2	1 7.3	... ...	3 1.0	2 0.7	1 3.8
Ischemic heart disease (410-414)	25 280.9	25 281.9	... ...	66 220.0	64 220.7	2 ...	30 215.8	29 210.6	1 ...	568 187.1	534 192.7	34 128.6
All other forms of heart disease (415-429)	2 22.5	2 22.6	... ...	6 20.0	6 20.7	... ...	9 64.7	9 65.4	... ...	136 44.8	121 43.7	15 56.7
Hypertension, with or without renal disease (401, 403)	1 11.2	1 11.3	... ...	... ...	... ...	... ...	... ...	... ...	... ...	5 1.6	3 1.1	2 7.6
Cerebrovascular disease (430-438)	12 134.8	12 135.3	... ...	34 113.3	32 110.4	2 ...	20 143.9	20 145.3	... ...	271 89.3	234 84.5	37 140.0
Atherosclerosis (440)	2 44.9	4 45.1	... ...	5 16.7	5 17.2	... ...	1 7.2	1 7.3	... ...	41 13.5	39 14.1	2 7.6
Other diseases of arteries, arterioles and capillaries (441-448)	... ...	... ...	... ...	3 10.0	3 10.3	... ...	2 14.4	2 14.5	... ...	18 5.9	18 6.5	... ...
Acute bronchitis & bronchiolitis (466)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	1 0.3	1 0.4	... ...
Pneumonia (480-486)	2 22.5	2 22.6	... ...	10 33.3	9 31.0	1 ...	8 57.6	8 58.1	... ...	49 16.1	47 17.0	2 7.6
Influenza (487)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Bronchitis, chronic & unsp. (490-491)	1 11.2	1 11.3	... ...	1 3.3	1 3.4	... ...	... ...	... ...	... ...	12 4.0	12 4.3	... ...
Emphysema (492)	... ...	... ...	... ...	1 3.3	1 3.4	... ...	... ...	... ...	... ...	14 4.6	11 4.0	3 11.3
Asthma (493)	... ...	... ...	... ...	... ...	... ...	... ...	1 7.2	1 7.3	... ...	... ...	... ...	... ...
Other chronic obstructive pulmonary disease & allied conditions (494-496)	1 11.2	1 11.3	... ...	3 10.0	3 10.3	... ...	2 14.4	2 14.5	... ...	42 13.8	39 14.1	3 11.3
Ulcer of stomach & duodenum (531-533)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	7 2.3	7 2.5	... ...
Appendicitis (540-543)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Hernia & intestinal obstruction (550-553, 560)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	5 1.6	5 1.8	... ...
Chronic liver disease & cirrhosis (571)	... ...	... ...	... ...	3 10.0	3 10.3	... ...	1 7.2	1 7.3	... ...	24 7.9	21 7.6	3 11.3
Cholelithiasis & other disorders of gallbladder (574-575)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	5 1.6	5 1.8	... ...
Acute glomerulonephritis & nephrotic syndrome (580-581)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	6 2.0	3 1.1	3 11.3
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	... ...	... ...	... ...	1 3.3	1 3.4	... ...	1 7.2	1 7.3	... ...	19 6.3	14 5.1	5 18.9
Infections of kidney (590)	... ...	... ...	... ...	1 3.3	1 3.4	... ...	1 7.2	1 7.3	... ...	1 0.3	... ...	1 3.8
Hyperplasia of prostate (600)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Complications of pregnancy, childbirth & the puerperium (630-676)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...
Congenital anomalies (740-759)	... ...	... ...	... ...	2 6.7	2 6.9	... ...	... ...	... ...	... ...	20 6.6	18 6.5	2 7.6
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	... ...	... ...	... ...	... ...	... ...	... ...	1 7.2	1 7.3	... ...	5 1.6	4 1.4	1 3.8
Other conditions originating in the perinatal period (760-766, 770-779)	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	... ...	13 4.3	8 2.9	5 18.9
Symptoms, signs & ill-defined conditions (780-799)	2 22.5	2 22.6	... ...	6 20.0	6 20.7	... ...	2 14.4	2 14.5	... ...	397 130.8	340 122.7	57 215.6
All other diseases	8 89.9	8 90.2	... ...	12 40.0	11 37.9	1 ...	7 50.4	7 50.8	... ...	130 42.8	109 39.3	21 79.4
Motor vehicle accidents (E810-E825)	12 134.8	12 135.3	... ...	11 36.7	11 37.9	... ...	6 43.2	6 43.6	... ...	82 27.0	79 28.5	3 11.3
All other accidents & adverse effects (E800-E807, E826-E949)	5 56.2	5 56.4	... ...	6 20.0	4 13.8	2 ...	6 43.2	6 43.6	... ...	49 16.1	43 15.5	6 22.7
Suicide (E950-E959)	2 22.5	2 22.6	... ...	3 10.0	3 10.3	... ...	... ...	... ...	... ...	45 14.8	43 15.5	2 7.6
Homicide & legal intervention (E960-E978)	1 11.2	1 11.3	... ...	... ...	... ...	... ...	2 14.4	2 14.5	... ...	28 9.2	18 6.5	10 37.8
All other external causes (E980-E999)	1 11.2	1 11.3	... ...	... ...	... ...	... ...	1 7.2	1 7.3	... ...	6 2.0	5 1.8	1 3.8

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	LAKE						LAUDERDALE						LAWRENCE						LEWIS					
Estimated Population, July 1, 1979	TOTAL 7,200		WHITE 5,519		NONWHITE 1,681		TOTAL 22,700		WHITE 14,923		NONWHITE 7,777		TOTAL 34,000		WHITE 33,481		NONWHITE 519		TOTAL 8,800		WHITE 8,629		NONWHITE 171	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	121	16.8	78	14.1	43	25.6	431	19.0	249	16.7	182	23.4	518	15.2	505	15.1	13	25.0	206	23.4	202	23.4	4	23.4
ILLEGITIMATE BIRTHS	54	44.6	15	19.2	39	90.7	135	31.3	24	9.6	111	61.0	41	7.9	36	7.1	5	38.5	37	18.0	37	18.3	....	....
LOW-WEIGHT BIRTHS (Less than 2500 grams)	12	9.9	3	3.8	9	20.9	26	6.0	13	5.2	13	7.1	26	5.0	22	4.4	4	30.8	10	4.9	10	5.0	....	....
INFANT DEATHS (Under one year of age)	2	16.5	1	12.8	1	23.3	5	11.6	2	8.0	3	16.5	1	1.9	1	2.0	....	....	....	....	....	....	....	....
Neonatal Deaths (Under 28 days of age)	2	16.5	1	12.8	1	23.3	3	7.0	1	4.0	2	11.0	1	1.9	1	2.0	....	....	....	....	....	....	....	....
Under 7 days of age	....	....	....	....	....	....	2	....	1	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....
7-27 days of age	2	....	1	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
MATERNAL DEATHS (ICD codes 630-676)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
FETAL DEATHS	....	....	....	....	....	....	2	4.6	....	....	2	11.0	11	21.2	9	17.8	1	76.9	....	....	....	....	....	....
INDUCED TERMINATIONS OF PREGNANCY	10	82.6	10	128.2	....	....	64	148.5	47	188.8	17	93.4	49	94.6	47	93.1	2	153.8	9	43.7	8	39.6	1	....
TOTAL DEATHS	91	12.6	76	13.8	15	8.9	240	10.6	168	11.3	72	9.3	297	8.7	292	8.7	5	9.6	75	8.5	75	8.7	....	....
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Certain other intestinal infections (007-009)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Tuberculosis, all forms (010-018)	....	....	....	....	....	....	1	4.4	1	6.7	....	....	1	2.9	1	3.0	....	....	2	22.7	2	23.2	....	....
Whooping cough (033)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Streptococcal sore throat, scarlatina & erysipelas (034-035)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Meningococcal infection (036)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Septicemia (038)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Acute poliomyelitis (045)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral encephalitis (049.8-049.9, 062-064)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Measles (055)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral hepatitis (070)	1	13.9	1	18.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Rocky Mtn. spotted fever (082.0)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Syphilis (090-097)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
All other infectious & parasitic diseases (remainder of 001-139)	....	....	....	....	....	....	1	4.4	1	6.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Malignant neoplasms (140-208)	15	208.3	13	235.5	2	....	46	202.6	34	227.8	12	154.3	57	167.6	56	167.3	1	....	12	136.4	12	139.1	....	....
Lip, oral cavity & pharynx (140-149)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	11.4	1	11.6	....	....
Digestive organs & peritoneum (150-159)	3	41.7	2	36.2	1	....	9	39.6	6	40.2	3	38.6	15	44.1	14	41.8	1	....	3	34.1	3	34.8	....	....
Respiratory & intrathoracic organs (160-165)	4	55.6	3	54.4	1	....	16	70.5	14	93.8	2	25.7	13	38.2	13	38.8	....	....	4	45.5	4	46.4	....	....
Breast (174-175)	2	27.8	2	36.2	....	....	2	8.8	....	....	2	25.7	8	23.5	8	23.9	....	....	1	11.4	1	11.6	....	....
Female genital organs (179-184)	1	13.9	1	18.1	....	....	2	8.8	2	13.4	....	....	5	14.7	5	14.9	....	....	....	....	....	....	....	....
Male genital organs (185-187)	....	....	....	....	....	....	4	17.6	2	13.4	2	25.7	3	8.8	3	9.0	....	....	2	22.7	2	23.2	....	....
Urinary organs (188-189)	....	....	....	....	....	....	1	4.4	1	6.7	....	....	2	5.9	2	6.0	....	....	1	11.4	1	11.6	....	....
Other & unsp. sites (170-173, 190-199)	4	55.6	4	72.5	....	....	7	30.8	5	33.5	2	25.7	9	26.5	9	26.9	....	....	....	....	....	....	....	....
Leukemia (204-208)	....	....	....	....	....	....	2	8.8	2	13.4	....	....	1	2.9	1	3.0	....	....	....	....	....	....	....	....
Other lymphatic & hematopoietic tissue (200-203)	1	13.9	1	18.1	....	....	3	13.2	2	13.4	1	12.9	1	2.9	1	3.0	....	....	....	....	....	....	....	....
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	....	....	....	....	....	....	1	4.4	1	6.7	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Diabetes mellitus (250)	....	....	....	....	....	....	6	26.4	5	33.5	1	12.9	5	14.7	5	14.9	....	....	2	22.7	2	23.2	....	....
Nutritional deficiencies (260-269)	1	13.9	1	18.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Anemias (280-285)	....	....	....	....	....	....	2	8.8	....	....	2	25.7	....	....	....	....	....	....	....	....	....	....	....	....
Meningitis (320-322)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Diseases of heart (390-398, 402, 404-429)	38	527.8	31	561.7	7	....	78	343.6	54	361.9	24	308.6	130	382.4	129	385.3	1	....	30	340.9	30	347.7	....	....
Rheumatic fever & rheumatic heart disease (390-398)	1	13.9	1	18.1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hypertensive heart disease (402)	1	13.9	1	18.1	....	....	2	8.8	....	....	2	25.7	....	....	....	....	....	....	....	....	....	....	....	....
Hypertensive heart & renal disease (404)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	11.4	1	11.6	....	....
Ischemic heart disease (410-414)	31	430.6	25	453.0	6	....	63	277.5	46	308.2	17	218.6	104	305.9	104	310.6	....	....	22	250.0	22	255.0	....	....
All other forms of heart disease (415-429)	5	69.4	4	72.5	1	....	13	57.3	8	53.6	5	64.3	26	76.5	25	74.7	1	....	7	79.5	7	81.1	....	....
Hypertension, with or without renal disease (401, 403)	....	....	....	....	....	....	1	4.4	....	....	1	12.9	....	....	....	....	....	....	....	....	....	....	....	....
Cerebrovascular disease (430-438)	9	125.0	9	163.1	....	....	33	145.4	19	127.3	14	180.0	27	79.4	25	74.7	2	....	6	68.2	6	69.5	....	....
Atherosclerosis (440)	....	....	....	....	....	....	....	....	....	....	....	....	1	2.9	1	3.0	....	....	1	11.4	1	11.6	....	....
Other diseases of arteries, arterioles and capillaries (441-448)	3	41.7	3	54.4	....	....	3	13.2	3	20.1	....	....	4	11.8	4	11.9	....	....	2	22.7	2	23.2	....	....
Acute bronchitis & bronchiolitis (466)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Pneumonia (480-486)	1	13.9	1	18.1	....	....	5	22.0	4	26.8	1	12.9	7	20.6	7	20.9	....	....	3	34.1	3	34.8	....	....
Influenza (487)	....	....	....	....	....	....	....	....	....	....	....	....	1	2.9	1	3.0	....	....	....	....	....	....	....	....
Bronchitis, chronic & unsp. (490-491)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	22.7	2	23.2	....	....
Emphysema (492)	1	13.9	1	18.1	....	....	....	....	....	....	....	....	6	17.6	6	17.9	....	....	....	....	....	....	....	....
Asthma (493)	....	....	....	....	....	....	....	....	....	....	....	....	1	2.9	1	3.0	....	....	....	....	....	....	....	....
Other chronic obstructive pulmonary disease & allied conditions (494-496)	1	13.9	1	18.1	....	....	9	39.6	9	60.3	....	....	5	14.7	5	14.9	....	....	2	22.7	2	23.2	....	....
Ulcer of stomach & duodenum (531-533)	1	13.9	1	18.1	....	....	1	4.4	....	....	1	12.9	1	2.9	1	3.0	....	....	....	....	....	....	....	....
Appendicitis (540-543)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Hernia & intestinal obstruction (550-553, 560)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chronic liver disease & cirrhosis (571)	....	....	....	....	....	....	3	13.2	3	20.1	....	....	2	5.9	2	6.0	....	....	3	34.1	3	34.8	....	....
Cholelithiasis & other disorders of gallbladder (574-575)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Acute glomerulonephritis & nephrotic syndrome (580-581)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	....	....	....	....	....	....	1	4.4	1	6.7	....	....	1	2.9	1	3.0	....	....	....	....	....	....	....	....
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	....	....	....	....	....	....	2	8.8	1	6.7	1	12.9	1	2.9	1	3.0	....	....	....	....	....	....	....	....
Infections of kidney (590)	....	....	....	....	....	....	1	4.4	....	....	1	12.9	3	8.8	3	9.0	....	....	....	....	....	....	....	....
Hyperplasia of prostate (600)	....	....	....	....	....	....	....	....	....	....	....	....	1	2.9	1	3.0	....	....	....	....	....	....	....	....
Complications of pregnancy, childbirth & the puerperium (630-676)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Congenital anomalies (740-759)	1	13.9	1	18.1	....	....	1	4.4	....	....	1	12.9	....	....	....	....	....	....	....	....	....	....	....	....
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	1	13.9	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Other conditions originating in the perinatal period (760-766, 770-779)	....	....	....	....	....	....	1	4.4	1	6.7	....	....	1	2.9	1	3.0	....	....	....	....	....	....	....	....
Symptoms, signs & ill-defined conditions (780-799)	6	83.3	3	54.4	3	....	8	35.2	4	26.8	4	51.4	....	....	....	....	....	....	....	....	....	....	....	....
All other diseases	7	97.2	5	90.6	2	....	12	52.9	10	67.0	2	25.7	10	29.4	10	29.9	....	....	3	34.1	3	44.8	....	....
Motor vehicle accidents (E810-E825)	1	13.9	1	18.1	....	....	5	22.0	3	20.1	2	25.7	21	61.8	21	62.7	....	....	3	34.1	3	34.8	....	....
All other accidents & adverse effects (E800-E807, E826-E949)	3	41.7	3	54.4	....	....	15	66.1	11	73.7	4	51.4	7	20.6	6	17.9	1	....	3	34.1	3	34.8	....	....
Suicide (E950-E959)	1	13.9	1	18.1	....	....	2	8.8	2	13.4	....	....	....	....	....	....	....	....	1	11.4	1	11.6	....	....
Homicide & legal intervention (E960-E978)	....	....	....	....	....	....	2	8.8	1	6.7	1	12.9	1	2.9	1	3.0	....	....	....	....	....	....	....	....
All other external causes (E980-E999)	....	....	....	....	....	....	....	....	....	....	....	....	3	8.8	3	9.0	....	....	....	....	....	....	....	....

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

Estimated Population, July 1, 1979	LINCOLN						LOUDON						McMINN						McNAIRY					
	TOTAL 25,900		WHITE 22,913		NONWHITE 2,987		TOTAL 28,000		WHITE 27,408		NONWHITE 592		TOTAL 39,900		WHITE 37,831		NONWHITE 2,069		TOTAL 21,600		WHITE 20,124		NONWHITE 1,476	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	351	13.6	307	13.4	44	14.7	342	12.2	335	12.2	7	11.8	601	15.1	555	14.7	46	22.2	322	14.9	286	14.2	36	24.4
ILLEGITIMATE BIRTHS	49	14.0	19	6.2	30	68.2	22	6.4	19	5.7	3		57	9.5	46	8.3	11	23.9	41	12.7	24	8.4	17	47.2
LOW-WEIGHT BIRTHS (Less than 2500 grams)	28	8.0	21	6.8	7	15.9	33	9.6	32	9.6	1		37	6.2	34	6.1	3	6.5	23	7.1	18	6.3	5	13.9
INFANT DEATHS (Under one year of age)	1	2.8	1	3.3			5	14.6	5	14.9			10	16.6	9	16.2	1	21.7	4	12.4	4	14.0		
Neonatal Deaths (Under 28 days of age)							4	11.7	4	11.9			7	11.6	7	12.6			2	6.2	2	7.0		
Under 7 days of age							4		4				5		5									
7-27 days of age													2		2				2		2			
MATERNAL DEATHS (ICD codes 630-676)																								
FETAL DEATHS	7	19.9	6	19.5	1	22.7	1	2.9	1	3.0			5	8.3	5	9.0			2	6.2	1	3.5	1	27.8
INDUCED TERMINATIONS OF PREGNANCY	14	39.9	14	45.6			106	309.9	103	307.5	2		93	154.7	82	147.7	11	239.1	45	139.8	40	139.9	5	138.9
TOTAL DEATHS	253	9.8	223	9.7	30	10.0	260	9.3	252	9.2	8	13.5	350	8.8	331	8.7	19	9.2	221	9.8	204	10.1	7	4.7
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)																								
Certain other intestinal infections (007-009)																								
Tuberculosis, all forms (010-018)	1	3.9	1	4.4			2	7.1	1	3.6	1													
Whooping cough (033)																								
Streptococcal sore throat, scarlatina & erysipelas (034-035)																			1	4.6	1	5.0		
Meningococcal infection (036)																								
Septicemia (038)	2	7.7	2	8.7			1	3.6	1	3.6			1	2.5	1	2.6								
Acute poliomyelitis (045)																								
Viral encephalitis (049.8-049.9, 062-064)																								
Measles (055)																								
Viral hepatitis (070)							1	3.6	1	3.6														
Rocky Mtn. spotted fever (082.0)																								
Syphilis (090-097)																								
All other infectious & parasitic diseases (remainder of 001-139)	1	3.9	1	4.4			1	3.6	1	3.6			1	2.5	1	2.6								
Malignant neoplasms (140-208)	58	223.9	49	213.9	9		46	164.3	43	156.9	3		84	210.5	78	206.2	6		32	148.1	30	149.1	2	
Lip, oral cavity & pharynx (140-149)	1	3.9	1	4.4			2	7.1	2	7.3			1	2.5	1	2.6			2	9.3	2	9.9		
Digestive organs & peritoneum (150-159)	14	54.1	11	48.0	3		13	46.4	12	43.8	1		22	55.1	20	52.9	2		6	27.8	6	29.8		
Respiratory & intrathoracic organs (160-165)	12	46.3	11	48.0	1		12	42.9	12	43.8			30	75.2	28	74.0	2		9	41.7	8	39.8	1	
Breast (174-175)	7	27.0	4	17.5	3		3	10.7	2	7.3	1		2	5.0	2	5.3			2	9.3	2	9.9		
Female genital organs (179-184)	7	27.0	6	26.2	1		1	3.6	1	3.6			3	7.5	3	7.9			1	4.6	1	5.0		
Male genital organs (185-187)	8	30.9	7	30.6	1		1	3.6			1		3	7.5	3	7.9			3	13.9	3	14.9		
Urinary organs (188-189)	2	7.7	2	8.7			3	10.7	3	10.9			3	7.5	3	7.9			3	13.9	2	9.9	1	
Other & unsp. sites (170-173, 190-199)	5	19.3	5	21.8			9	32.1	9	32.8			10	25.1	10	26.4			4	18.5	4	19.9		
Leukemia (204-208)	1	3.9	1	4.4			1	3.6	1	3.6			5	12.5	5	13.2								
Other lymphatic & hematopoietic tissue (200-203)	1	3.9	1	4.4			1	3.6	1	3.6			5	12.5	3	7.9	2		2	9.3	2	9.9		
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)							1	3.6	1	3.6														
Diabetes mellitus (250)	4	15.4	3	13.1	1		1	3.6	1	3.6			4	10.0	4	10.6			1	4.6	1	5.0		
Nutritional deficiencies (260-269)	1	3.9	1	4.4			3	10.7	3	10.9			1	2.5	1	2.6								
Anemias (280-285)																								
Meningitis (320-322)																								
Diseases of heart (390-398, 402, 404-429)	91	351.4	83	362.2	8		96	342.9	94	343.0	2		110	275.7	103	272.3	7		109	504.6	105	521.8	4	
Rheumatic fever & rheumatic heart disease (390-398)							2	7.1	2	7.3														
Hypertensive heart disease (402)	4	15.4	3	13.1	1		4	14.3	4	14.6			1	2.5	1	2.6			1	4.6	1	5.0		
Hypertensive heart & renal disease (404)	1	3.9	1	4.4			3	10.7	3	10.9														
Ischemic heart disease (410-414)	68	262.5	62	270.6	6		76	271.4	74	270.0	2		82	205.5	78	206.2	4		95	439.8	92	457.2	3	
All other forms of heart disease (415-429)	18	69.5	17	74.2	1		11	39.3	11	40.1			27	67.7	24	63.4	3		13	60.2	12	59.6	1	
Hypertension, with or without renal disease (401, 403)	2	7.7	2	8.7			2	7.1	2	7.3			1	2.5	1	2.6								
Cerebrovascular disease (430-438)	19	73.4	17	74.2	2		24	85.7	23	83.9	1		51	127.8	49	129.5	2		19	88.0	19	94.4		
Atherosclerosis (440)	2	7.7	2	8.7			6	21.4	5	18.2	1		10	25.1	10	26.4			1	4.6	1	5.0		
Other diseases of arteries, arterioles and capillaries (441-448)	1	3.9	1	4.4			1	3.6	1	3.6			1	2.5	1	2.6			1	4.6	1	5.0		
Acute bronchitis & bronchiolitis (466)																								
Pneumonia (480-486)	10	38.6	9	39.3	1		6	21.4	6	21.9			8	20.1	8	21.1			1	4.6	1	5.0		
Influenza (487)																								
Bronchitis, chronic & unsp. (490-491)	1	3.9	1	4.4			2	7.1	2	7.3														
Emphysema (492)	2	7.7	2	8.7			1	3.6	1	3.6			3	7.5	3	7.9			1	4.6	1	5.0		
Asthma (493)							2	7.1	2	7.3									1	4.6	1	5.0		
Other chronic obstructive pulmonary disease & allied conditions (494-496)	7	27.0	7	30.6			6	21.4	6	21.9			6	15.0	6	15.9			6	27.8	6	29.8		
Ulcer of stomach & duodenum (531-533)							1	3.6	1	3.6			4	10.0	4	10.6								
Appendicitis (540-543)																								
Hernia & intestinal obstruction (550-553, 560)																			2	9.3	2	9.9		
Chronic liver disease & cirrhosis (571)	2	7.7	2	8.7			2	7.1	2	7.3			4	10.0	3	7.9	1		1	4.6	1	5.0		
Cholelithiasis & other disorders of gallbladder (574-575)	1	3.9	1	4.4			2	7.1	2	7.3									1	4.6	1	5.0		
Acute glomerulonephritis & nephrotic syndrome (580-581)													1	2.5	1	2.6								
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	1	3.9	1	4.4			1	3.6	1	3.6			2	5.0	2	5.3								
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	7	27.0	5	21.8	2								2	5.0	2	5.3								
Infections of kidney (590)													1	2.5	1	2.6								
Hyperplasia of prostate (600)																								
Complications of pregnancy, childbirth & the puerperium (630-676)																								
Congenital anomalies (740-759)	1	3.9	1	4.4			3	10.7	3	10.9			1	2.5			1		5	23.1	4	19.9	1	
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)							1	3.6	1	3.6			2	5.0	2	5.3								
Other conditions originating in the perinatal period (760-766, 770-779)							1	3.6	1	3.6			3	7.5	3	7.9								
Symptoms, signs & ill-defined conditions (780-799)	16	61.8	12	52.4	4		1	3.6	1	3.6			2	5.0	2	5.3			1	4.6	1	5.0		
All other diseases	8	30.9	7	30.6	1		16	57.1	16	58.4			16	40.1	16	42.3			7	32.4	7	34.8		
Motor vehicle accidents (E810-E825)	4	15.4	3	13.1	1		12	42.9	12	43.8			13	32.6	13	34.4			5	23.1	5	24.8		
All other accidents & adverse effects (E800-E807, E826-E949)	7	27.0	6	26.2	1		12	42.9	12	43.8			9	22.6	9	23.8			11	50.9	11	54.7		
Suicide (E950-E959)	1	3.9	1	4.4			4	14.3	4	14.6			4	10.0	4	10.6			5	23.1	5	24.8		
Homicide & legal intervention (E960-E978)	1	3.9	1	4.4			2	7.1	2	7.3			5	12.5	3	7.9	2							
All other external causes (E980-E999)	2	7.7	2	8.7																				

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

Estimated Population, July 1, 1979	MACON			MADISON			MARION			MARSHALL		
	TOTAL 15,400	WHITE 15,299	NONWHITE 101	TOTAL 72,800	WHITE 49,787	NONWHITE 23,013	TOTAL 22,400	WHITE 21,078	NONWHITE 1,322	TOTAL 18,700	WHITE 16,675	NONWHITE 2,025
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	227 14.7	227 14.8		1,184 16.3	743 14.9	441 19.2	376 16.8	356 16.9	20 15.1	271 14.5	231 13.9	40 19.8
ILLEGITIMATE BIRTHS	15 6.6	15 6.6		285 24.1	45 6.1	240 54.4	51 13.6	37 10.4	14 70.0	49 18.1	22 9.5	27 67.5
LOW-WEIGHT BIRTHS (Less than 2500 grams)	13 5.7	13 5.7		101 8.5	48 6.5	53 12.0	23 6.1	18 5.1	5 25.0	24 8.9	19 8.2	5 12.5
INFANT DEATHS (Under one year of age)	2 8.8	2 8.8		19 16.0	8 10.8	11 24.9	5 13.3	5 14.0		5 18.5	3 13.0	2 50.0
Neonatal Deaths (Under 28 days of age)	1 4.4	1 4.4		16 13.5	8 10.8	8 18.1	3 8.0	3 8.4		4 14.8	2 8.7	2 5.0
Under 7 days of age	1	1		15	8	7	3	3		2	1	1
7-27 days of age				1		1				2	1	1
MATERNAL DEATHS (ICD codes 630-676)												
FETAL DEATHS				6 5.1	2 2.7	4 9.1	4 10.6	3 8.4	1 50.0	2 7.4		2 50.0
INDUCED TERMINATIONS OF PREGNANCY	25 110.1	25 110.1		296 250.0	196 263.8	100 226.8	42 111.7	40 112.4	2 100.0	34 125.5	29 125.5	5 125.0
TOTAL DEATHS	145 9.4	145 9.5		655 9.0	431 8.7	224 9.7	200 8.9	181 8.6	19 14.4	190 10.2	173 10.4	17 8.4
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)												
Tuberculosis, all forms (010-018)												
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)												
Septicemia (038)				3 4.1	2 4.0	1 4.3	1 4.5	1 4.7		1 5.3	1 6.0	
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)												
Measles (055)												
Viral hepatitis (070)												
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)												
All other infectious & parasitic diseases (remainder of 001-139)				3 4.1	2 4.0	1 4.3				2 10.7	1 6.0	1
Malignant neoplasms (140-208)	21 136.4	21 137.3		134 184.1	98 196.8	36 156.4	41 183.0	38 180.3	3	45 240.6	45 269.9	
Lip, oral cavity & pharynx (140-149)	1 6.5	1 6.5								2 10.7	2 12.0	
Digestive organs & peritoneum (150-159)	4 26.0	4 26.1		30 41.2	21 42.2	9 39.1	9 40.2	9 42.7		14 74.9	14 84.0	
Respiratory & intrathoracic organs (160-165)	5 32.5	5 32.7		37 50.8	30 60.3	7 30.4	16 71.4	15 71.2	1	9 48.1	9 54.0	
Breast (174-175)				14 19.2	12 24.1	2 8.7	4 17.9	4 19.0		2 10.7	2 12.0	
Female genital organs (179-184)				6 8.2	5 10.0	1 4.3	2 8.9	2 9.5		3 16.0	3 18.0	
Male genital organs (185-187)	1 6.5	1 6.5		13 17.9	5 10.0	8 34.8	1 4.5	1 4.7		4 21.4	4 24.0	
Urinary organs (188-189)	1 6.5	1 6.5		6 8.2	6 12.1		1 4.5	1 4.7		2 10.7	2 12.0	
Other & unsp. sites (170-173, 190-199)	8 51.9	8 52.3		18 24.7	12 24.1	6 26.1	6 26.8	4 19.0	2	4 21.4	4 24.0	
Leukemia (204-208)				2 2.7	2 4.0		2 8.9	2 9.5		2 10.7	2 12.0	
Other lymphatic & hematopoietic tissue (200-203)	1 6.5	1 6.5		8 11.0	5 10.0	3 13.0				3 16.0	3 18.0	
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)				3 4.1		3 13.0						
Diabetes mellitus (250)	1 6.5	1 6.5		5 6.9	1 2.0	4 17.4	4 17.9	2 9.5	2	2 10.7	1 6.0	1
Nutritional deficiencies (260-269)												
Anemias (280-285)				4 5.5	3 6.0	1 4.3	1 4.5	1 4.7		1 5.3	1 6.0	
Meningitis (320-322)												
Diseases of heart (390-398, 402, 04-429)	62 402.6	62 405.3		244 335.2	168 337.4	76 330.2	69 308.0	65 308.4	4	75 401.1	71 425.8	4
Rheumatic fever & rheumatic heart disease (390-398)	2 13.0	2 13.1		1 1.4		1 4.3	1 4.5	1 4.7		1 5.3	1 6.0	
Hypertensive heart disease (402)	2 13.0	2 13.1		7 9.6	3 6.0	4 17.4	2 8.9	1 4.7	1	2 10.7	2 12.0	
Hypertensive heart & renal disease (404)				5 6.9	2 4.0	3 13.0						
Ischemic heart disease (410-414)	46 298.7	46 300.7		204 280.2	152 305.3	52 226.0	59 263.4	56 265.7	3	59 315.5	57 341.8	2
All other forms of heart disease (415-429)	12 77.9	12 78.4		27 37.1	11 22.1	16 69.5	7 31.2	7 33.2		13 69.5	11 66.0	2
Hypertension, with or without renal disease (401, 403)				3 4.1		3 13.0				4 21.4	2 12.0	2
Cerebrovascular disease (430-438)	15 97.4	15 98.0		90 123.6	53 106.5	37 160.8	18 80.4	15 71.2	3	14 74.9	11 66.0	3
Atherosclerosis (440)	3 19.5	3 19.6		10 13.7	3 6.0	7 30.4	4 17.9	3 14.2	1	2 10.7	2 12.0	
Other diseases of arteries, arterioles and capillaries (441-448)	1 6.5	1 6.5		5 6.9	3 6.0	2 8.7	2 8.9	2 9.5				
Acute bronchitis & bronchiolitis (466)												
Pneumonia (480-486)	3 19.5	3 19.6		8 11.0	5 10.0	3 13.0	4 17.9	4 19.0		6 32.1	6 36.0	
Influenza (487)							1 4.5	1 4.7				
Bronchitis, chronic & unsp. (490-491)	1 6.5	1 6.5										
Emphysema (492)	1 6.5	1 6.5		4 5.5	3 6.0	1 4.3	1 4.5	1 4.7		2 10.7	2 12.0	
Asthma (493)				1 1.4	1 2.0					1 5.3		1
Other chronic obstructive pulmonary disease & allied conditions (494-496)	5 32.5	5 32.7		14 19.2	12 24.1	2 8.7	5 22.3	4 19.0	1	5 26.7	5 30.0	
Ulcer of stomach & duodenum (531-533)				4 5.5	4 8.0							
Appendicitis (540-543)				1 1.4		1 4.3						
Hernia & intestinal obstruction (550-553, 560)				2 2.7	2 4.0							
Chronic liver disease & cirrhosis (571)	2 13.0	2 13.1		9 12.4	7 14.1	2 8.7	4 17.9	4 19.0		2 10.7	2 12.0	
Cholelithiasis & other disorders of gallbladder (574-575)	1 6.5	1 6.5		2 2.7	1 2.0	1 4.3						
Acute glomerulonephritis & nephrotic syndrome (580-581)												
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	1 6.5	1 6.5		1 1.4	1 2.0		1 4.5		1			
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)				5 6.9	1 2.0	4 17.4	2 8.9	2 9.5				
Infections of kidney (590)				3 4.1	2 4.0	1 4.3	1 4.5	1 4.7				
Hyperplasia of prostate (600)	1 6.5	1 6.5								1 5.3	1 6.0	
Complications of pregnancy, childbirth & the puerperium (630-676)												
Congenital anomalies (740-759)	2 13.0	2 13.1		4 5.5	4 8.0		5 22.3	5 23.7		1 5.3		1
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	1 6.5	1 6.5		5 6.9	2 4.0	3 13.0				1 5.3	1 6.0	
Other conditions originating in the perinatal period (760-766, 770-779)				8 11.0	4 8.0	4 17.4	1 4.5	1 4.7		2 10.7	1 6.0	1
Symptoms, signs & ill-defined conditions (780-799)				5 6.9	1 2.0	4 17.4	5 22.3	4 19.0	1	1 5.3		1
All other diseases	12 77.9	12 78.4		30 41.2	17 34.1	13 56.5	12 53.6	10 47.4	2	11 58.8	9 54.0	2
Motor vehicle accidents (E810-E825)	4 26.0	4 26.1		13 17.9	9 18.1	4 17.4	9 40.2	8 38.0	1	2 10.7	2 12.0	
All other accidents & adverse effects (E800-E807, E826-E949)	1 6.5	1 6.5		17 23.4	13 26.1	4 17.4	6 26.8	6 28.5		4 21.4	4 24.0	
Suicide (E950-E959)	6 39.0	6 39.2		9 12.4	8 16.1	1 4.3	2 8.9	2 9.5		5 26.7	5 30.0	
Homicide & legal intervention (E960-E978)	1 6.5	1 6.5		6 8.2	1 2.0	5 21.7	1 4.5	1 4.7				
All other external causes (E980-E999)												

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	MAURY						MEIGS						MONROE						MONTGOMERY					
Estimated Population, July 1, 1979	TOTAL 48,300		WHITE 39,315		NONWHITE 8,985		TOTAL 6,900		WHITE 6,654		NONWHITE 246		TOTAL 27,700		WHITE 26,638		NONWHITE 1,062		TOTAL 79,000		WHITE 65,155		NONWHITE 13,845	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	728	15.1	585	14.1	173	19.3	113	16.4	111	16.7	2	8.1	429	15.5	419	15.7	10	9.4	1,561	19.8	1,201	18.4	360	26.0
ILLEGITIMATE BIRTHS	161	22.1	58	10.5	103	59.5	8	7.1	7	6.3	1	...	49	11.4	44	10.5	5	50.0	189	12.1	77	6.4	112	31.1
LOW-WEIGHT BIRTHS (Less than 2500 grams)	58	8.0	36	6.5	22	12.7	8	7.1	8	7.2	...	...	29	6.8	26	6.2	3	30.0	92	5.9	65	5.4	27	7.5
INFANT DEATHS (Under one year of age)	6	8.2	4	7.2	2	11.6	3	26.5	3	27.0	...	...	8	18.6	7	16.7	1	100.0	18	11.5	12	10.0	6	16.7
Neonatal Deaths (Under 28 days of age)	4	5.5	3	5.4	1	5.8	3	26.5	3	27.0	...	...	5	11.7	4	9.5	1	100.0	13	8.3	10	8.3	3	8.3
Under 7 days of age	4	...	3	...	1	...	2	...	2	...	...	...	4	...	3	...	1	...	11	...	8	...	3	...
7-27 days of age							1	...	1	...	...	...	1	...	1	...			2	...	2	...		
MATERNAL DEATHS (ICD codes 630-676)																								
FETAL DEATHS	6	8.2	1	1.8	5	28.9	1	8.8	...	...	...	...	9	21.0	8	19.1	1	100.0	11	7.0	7	5.8	4	11.1
INDUCED TERMINATIONS OF PREGNANCY	155	212.9	104	187.4	50	289.0	7	61.9	7	63.1	...	...	70	163.2	65	155.1	5	500.0	330	211.4	237	197.3	92	255.6
TOTAL DEATHS	468	9.7	365	9.3	103	11.5	60	8.7	58	8.7	2	8.1	259	9.4	247	9.3	12	11.3	512	6.5	411	6.3	101	7.3
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)																								
Certain other intestinal infections (007-009)																								
Tuberculosis, all forms (010-018)																			2	2.5	2	3.1		
Whooping cough (033)																								
Streptococcal sore throat, scarlatina & erysipelas (034-035)																								
Meningococcal infection (036)																								
Septicemia (038)	1	2.1			1	11.1							1	3.6	1	3.8			3	3.8	2	3.1	1	7.2
Acute poliomyelitis (045)																								
Viral encephalitis (049.8-049.9, 062-064)																								
Measles (055)																								
Viral hepatitis (070)																								
Rocky Mtn. spotted fever (082.0)																								
Syphilis (090-097)																								
All other infectious & parasitic diseases (remainder of 001-139)																			2	2.5	1	1.5	1	7.2
Malignant neoplasms (140-208)	86	178.1	69	175.5	17	189.2	13	188.4	13	195.4	...	...	36	130.0	34	127.6	2	...	106	134.2	84	128.9	22	158.9
Lip, oral cavity & pharynx (140-149)	5	10.4	3	7.6	2	22.3																		
Digestive organs & peritoneum (150-159)	21	43.5	16	40.7	5	55.6	2	29.0	2	30.1	...	...	10	36.1	9	33.8	1	...	34	43.0	27	41.4	7	50.6
Respiratory & intrathoracic organs (160-165)	23	47.6	21	53.4	2	22.3	5	72.5	5	75.1	...	...	8	28.9	8	30.0	...	...	29	36.7	22	33.8	7	50.6
Breast (174-175)	4	8.3	3	7.6	1	11.1	1	14.5	1	15.0	...	...	1	3.6	1	3.8	...	...	7	8.9	4	6.1	3	21.7
Female genital organs (179-184)	4	8.3	3	7.6	1	11.1													7	8.9	7	10.7		
Male genital organs (185-187)	3	6.2	2	5.1	1	11.1							2	7.2	2	7.5			4	5.1	3	4.6	1	7.2
Urinary organs (188-189)	2	4.1	1	2.5	1	11.1							2	7.2	1	3.8	1	...	2	2.5	2	3.1		
Other & unsp. sites (170-173, 190-199)	18	37.3	16	40.7	2	22.3	4	58.0	4	60.1	...	...	7	25.3	7	26.3	...	...	12	15.2	12	18.4		
Leukemia (204-208)	2	4.1	1	2.5	1	11.1							1	3.6	1	3.8	...	...	6	7.6	3	4.6	3	21.7
Other lymphatic & hematopoietic tissue (200-203)	4	8.3	3	7.6	1	11.1	1	14.5	1	15.0	...	...	5	18.1	5	18.8	...	...	5	6.3	4	6.1	1	7.2
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	1	2.1	1	2.5									2	7.2	2	7.5								
Diabetes mellitus (250)	5	10.4	3	7.6	2	22.3	4	58.0	4	60.1	...	...	5	18.1	5	18.8	...	...	9	11.4	7	10.7	2	14.4
Nutritional deficiencies (260-269)													2	7.2	2	7.5			1	1.3	1	1.5		
Anemias (280-285)																								
Meningitis (320-322)																			1	1.3			1	7.2
Diseases of heart (390-398, 402, 404-429)	184	381.0	144	366.3	40	445.2	19	275.4	19	285.5	...	...	100	361.0	97	364.1	3	...	176	222.8	146	224.1	30	216.7
Rheumatic fever & rheumatic heart disease (390-398)																			1	1.3	1	1.5		
Hypertensive heart disease (402)	12	24.8	9	22.9	3	33.4	1	14.5	1	15.0	...	...	5	18.1	5	18.8	...	...	5	6.3	1	1.5	4	28.9
Hypertensive heart & renal disease (404)													2	7.2	2	7.5								
Ischemic heart disease (410-414)	138	285.7	112	284.9	26	289.4	12	173.9	12	180.3	...	...	78	281.6	77	289.1	1	...	128	162.0	107	164.2	21	151.7
All other forms of heart disease (415-429)	34	70.4	23	58.5	11	122.4	6	87.0	6	90.2	...	...	15	54.2	13	48.8	2	...	42	53.2	37	56.8	5	36.1
Hypertension, with or without renal disease (401, 403)	2	4.1	1	2.5	1	11.1							2	7.2	1	3.8	1	...	1	1.3	1	1.5		
Cerebrovascular disease (430-438)	60	124.2	46	117.0	14	155.8	4	58.0	3	45.1	1	...	20	72.2	18	67.6	2	...	43	54.4	31	47.6	12	86.7
Atherosclerosis (440)	3	6.2	2	5.1	1	11.1							8	28.9	8	30.0			6	7.6	6	9.2		
Other diseases of arteries, arterioles and capillaries (441-448)	5	10.4	5	12.7															9	11.4	9	13.8		
Acute bronchitis & bronchiolitis (466)																								
Pneumonia (480-486)	17	35.2	16	40.7	1	11.1	2	29.0	2	30.1	...	...	9	32.5	9	33.8	...	...	7	8.9	4	6.1	3	21.7
Influenza (487)																			1	1.3			1	7.2
Bronchitis, chronic & unsp. (490-491)							1	14.5	1	15.0	...	...	2	7.2	2	7.5	...	...	1	1.3	1	1.5		
Emphysema (492)	1	2.1			1	11.1							2	7.2	2	7.5			7	8.9	6	9.2	1	7.2
Asthma (493)																			2	2.5			2	14.4
Other chronic obstructive pulmonary disease & allied conditions (494-496)	6	12.4	4	10.2	2	22.3	1	14.5	1	15.0	...	...	7	25.3	7	26.3	...	...	3	3.8			3	21.7
Ulcer of stomach & duodenum (531-533)	4	8.3	3	7.6	1	11.1													3	3.8	3	4.6		
Appendicitis (540-543)																								
Hernia & intestinal obstruction (550-553, 560)													1	3.6	1	3.8			5	6.3	5	7.7		
Chronic liver disease & cirrhosis (571)	7	14.5	5	12.7	2	22.3	1	14.5	1	15.0	...	...	2	7.2	2	7.5	...	...	5	6.3	5	7.7		
Cholelithiasis & other disorders of gallbladder (574-575)	2	4.1	2	5.1															1	1.3	1	1.5		
Acute glomerulonephritis & nephrotic syndrome (580-581)																								
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)													1	3.6	1	3.8			1	1.3			1	7.2
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	2	4.1	1	2.5	1	11.1							1	3.6	1	3.8			1	1.3			1	7.2
Infections of kidney (590)	2	4.1	2	5.1																				
Hyperplasia of prostate (600)	1	2.1	1	2.5																				
Complications of pregnancy, childbirth & the puerperium (630-676)																								
Congenital anomalies (740-759)	3	6.2	3	7.6			2	29.0	2	30.1	...	...	3	10.8	3	11.3	...	...	1	1.3	1	1.5		
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)							1	14.5	1	15.0	...	...	3	10.8	2	7.5	1	...	3	3.8	3	4.6		
Other conditions originating in the perinatal period (760-766, 770-779)	1	2.1	1	2.5									1	3.6	1	3.8			9	11.4	6	9.2	3	21.7
Symptoms, signs & ill-defined conditions (780-799)	9	18.6	6	15.3	3	33.4	1	14.5	1	15.0	...	...	3	10.8	3	11.3	...	...	18	22.8	14	21.5	4	28.9
All other diseases	23	47.6	15	38.2	8	89.0	5	72.5	5	75.1	...	...	17	61.4	16	60.1	1	...	29	36.7	23	35.3	6	43.3
Motor vehicle accidents (E810-E825)	13	26.9	13	33.1	...	...	3	43.5	3	45.1	...	...	15	54.2	15	56.3	...	...	23	29.1	20	30.7	3	21.7
All other accidents & adverse effects (E800-E807, E826-E949)	16	33.1	13	33.1	3	33.4							7	25.3	6	22.5	1	...	14	17.7	13	20.0	1	7.2
Suicide (E950-E959)	5	10.4	5	12.7			2	29.0	2	30.1	...	...	5	18.1	4	15.0	1	...	12	15.2	12	18.4		
Homicide & legal intervention (E960-E978)	9	18.6	4	10.2	5	55.6	1	14.5			1	...	3	10.8	3	11.3			7	8.9	4	6.1	3	21.7
All other external causes (E980-E999)													1	3.6	1	3.8								

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	MOORE			MORGAN			OBION			OVERTON		
Estimated Population, July 1, 1979	TOTAL 4,100	WHITE 3,802	NONWHITE 298	TOTAL 15,500	WHITE 15,245	NONWHITE 255	TOTAL 33,700	WHITE 31,304	NONWHITE 2,396	TOTAL 16,900	WHITE 16,828	NONWHITE 72
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	67 16.3	65 17.1	2 6.7	225 14.5	224 14.7	1 3.9	487 14.5	396 12.7	91 38.0	238 14.1	237 14.1	1 13.9
ILLEGITIMATE BIRTHS	7 10.4	5 7.7	2 . . .	24 10.7	24 10.7	. . . .	76 15.6	26 6.6	50 54.9	14 5.9	14 5.9	. . . .
LOW-WEIGHT BIRTHS (Less than 2500 grams)	4 6.0	4 6.2	. . . .	14 6.2	14 6.2	. . . .	23 4.7	16 4.0	7 7.7	16 6.7	16 6.8	. . . .
INFANT DEATHS (Under one year of age)	2 29.9	2 30.8	. . . .	2 8.9	2 8.9	. . . .	9 18.5	6 15.2	3 33.0	5 21.0	5 21.1	. . . .
Neonatal Deaths (Under 28 days of age)	1 14.9	1 15.4	. . . .	2 8.9	2 8.9	. . . .	8 16.4	5 12.6	3 33.0	5 21.0	5 21.1	. . . .
Under 7 days of age	1 . . .	1 . . .	. . . .	2 . . .	2 . . .	. . . .	6 . . .	3 . . .	3 . . .	3 . . .	3 . . .	. . . .
7-27 days of age	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	2 . . .	2 . . .	. . . .	2 . . .	2 . . .	. . . .
MATERNAL DEATHS (ICD codes 630-676)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
FETAL DEATHS	. . . .	. . . .	. . . .	2 8.9	2 8.9	. . . .	1 2.1	. . . .	1 11.0	1 4.2	1 4.2	. . . .
INDUCED TERMINATIONS OF PREGNANCY	6 89.6	6 92.3	. . . .	23 102.2	23 102.7	. . . .	55 112.9	43 108.6	12 131.9	25 105.0	25 105.5	. . . .
TOTAL DEATHS	33 8.0	32 8.4	1 3.4	126 8.1	126 8.3	. . . .	318 9.4	277 8.8	41 17.1	183 10.8	182 10.8	1 13.9
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Certain other intestinal infections (007-009)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Tuberculosis, all forms (010-018)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 5.9	1 5.9	. . . .
Whooping cough (033)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Streptococcal sore throat, scarlatina & erysipelas (034-035)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Meningococcal infection (036)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 5.9	1 5.9	. . . .
Septicemia (038)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Acute poliomyelitis (045)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Viral encephalitis (049.8-049.9, 062-064)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Measles (055)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Viral hepatitis (070)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Rocky Mtn. spotted fever (082.0)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Syphilis (090-097)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
All other infectious & parasitic diseases (remainder of 001-139)	. . . .	. . . .	. . . .	1 6.5	1 6.6	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Malignant neoplasms (140-208)	5 122.0	5 . . .	. . . .	26 167.7	26 170.5	. . . .	64 189.9	59 188.5	5 . . .	28 165.7	27 160.4	1 . . .
Lip, oral cavity & pharynx (140-149)	. . . .	. . . .	. . . .	1 6.5	1 6.6	. . . .	3 8.9	3 9.6	. . . .	1 5.9	1 5.9	. . . .
Digestive organs & peritoneum (150-159)	2 48.8	2 . . .	. . . .	2 12.9	2 13.1	. . . .	11 32.6	11 35.1	. . . .	7 41.4	7 41.6	. . . .
Respiratory & intrathoracic organs (160-165)	2 48.8	2 . . .	. . . .	12 77.4	12 78.7	. . . .	15 44.5	14 44.7	1 . . .	12 71.0	12 71.3	. . . .
Breast (174-175)	1 24.4	1 . . .	. . . .	4 25.8	4 26.2	. . . .	7 20.8	6 19.2	1 . . .	1 5.9	. . . .	1 . . . .
Female genital organs (179-184)	. . . .	. . . .	. . . .	1 6.5	1 6.6	. . . .	4 11.9	3 9.6	1 . . .	1 5.9	1 5.9	. . . .
Male genital organs (185-187)	. . . .	. . . .	. . . .	2 12.9	2 13.1	. . . .	6 17.8	5 16.0	1 . . .	2 11.8	2 11.9	. . . .
Urinary organs (188-189)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	7 20.8	6 19.2	1 . . .	1 5.9	1 5.9	. . . .
Other & unsp. sites (170-173, 190-199)	. . . .	. . . .	. . . .	1 6.5	1 6.6	. . . .	9 26.7	9 28.8	. . . .	3 17.8	3 17.8	. . . .
Leukemia (204-208)	. . . .	. . . .	. . . .	1 6.5	1 6.6	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Other lymphatic & hematopoietic tissue (200-203)	. . . .	. . . .	. . . .	2 12.9	2 13.1	. . . .	2 5.9	2 6.4	. . . .	. . . .	. . . .	. . . .
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 3.0	1 3.2	. . . .	. . . .	. . . .	. . . .
Diabetes mellitus (250)	1 24.4	1 . . .	. . . .	2 12.9	2 13.1	. . . .	1 3.0	1 3.2	. . . .	1 5.9	1 5.9	. . . .
Nutritional deficiencies (260-269)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 5.9	1 5.9	. . . .
Anemias (280-285)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Meningitis (320-322)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 3.0	1 3.2	. . . .	. . . .	. . . .	. . . .
Diseases of heart (390-398, 402, 404-429)	14 341.5	14 . . .	. . . .	40 258.1	40 262.4	. . . .	113 335.3	99 316.3	14 . . .	82 485.2	82 487.3	. . . .
Rheumatic fever & rheumatic heart disease (390-398)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 3.0	1 3.2	. . . .	. . . .	. . . .	. . . .
Hypertensive heart disease (402)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	3 8.9	3 9.6	. . . .	. . . .	. . . .	. . . .
Hypertensive heart & renal disease (404)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 5.9	1 5.9	. . . .
Ischemic heart disease (410-414)	12 292.7	12 . . .	. . . .	28 180.6	28 183.7	. . . .	100 296.7	88 281.1	12 . . .	76 449.7	76 451.6	. . . .
All other forms of heart disease (415-429)	2 48.8	2 . . .	. . . .	12 77.4	12 78.7	. . . .	9 26.7	7 22.4	2 . . .	5 29.6	5 29.7	. . . .
Hypertension, with or without renal disease (401, 403)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Cerebrovascular disease (430-438)	3 73.2	2 . . .	1 . . .	14 90.3	14 91.8	. . . .	57 169.1	45 143.8	12 . . .	13 76.9	13 77.3	. . . .
Atherosclerosis (440)	1 24.4	1 . . .	. . . .	. . . .	. . . .	. . . .	10 29.7	9 28.8	1 . . .	1 5.9	1 5.9	. . . .
Other diseases of arteries, arterioles and capillaries (441-448)	. . . .	. . . .	. . . .	3 19.4	3 19.7	. . . .	2 5.9	2 6.4	. . . .	3 17.8	3 17.8	. . . .
Acute bronchitis & bronchiolitis (466)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Pneumonia (480-486)	1 24.4	1 . . .	. . . .	2 12.9	2 13.1	. . . .	7 20.8	7 22.4	. . . .	7 41.4	7 41.6	. . . .
Influenza (487)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 5.9	1 5.9	. . . .
Bronchitis, chronic & unsp. (490-491)	. . . .	. . . .	. . . .	1 6.5	1 6.6	. . . .	2 5.9	2 6.4	. . . .	. . . .	. . . .	. . . .
Emphysema (492)	. . . .	. . . .	. . . .	1 6.5	1 6.6	. . . .	. . . .	. . . .	. . . .	1 5.9	1 5.9	. . . .
Asthma (493)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Other chronic obstructive pulmonary disease & allied conditions (494-496)	1 24.4	1 . . .	. . . .	6 38.7	6 39.4	. . . .	10 29.7	9 28.8	1 . . .	4 23.7	4 23.8	. . . .
Ulcer of stomach & duodenum (531-533)	1 24.4	1 . . .	. . . .	1 6.5	1 6.6	. . . .	2 5.9	2 6.4	. . . .	. . . .	. . . .	. . . .
Appendicitis (540-543)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Hernia & intestinal obstruction (550-553, 560)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 3.0	. . . .	1 . . .	. . . .	. . . .	. . . .
Chronic liver disease & cirrhosis (571)	. . . .	. . . .	. . . .	2 12.9	2 13.1	. . . .	1 3.0	1 3.2	. . . .	1 5.9	1 5.9	. . . .
Cholelithiasis & other disorders of gallbladder (574-575)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Acute glomerulonephritis & nephrotic syndrome (580-581)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	2 5.9	. . . .	2 . . .	2 11.8	2 11.9	. . . .
Infections of kidney (590)	1 24.4	1 . . .	. . . .	1 6.5	1 6.6	. . . .	1 3.0	1 3.2	. . . .	1 5.9	1 5.9	. . . .
Hyperplasia of prostate (600)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Complications of pregnancy, childbirth & the puerperium (630-676)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
Congenital anomalies (740-759)	1 24.4	1 . . .	. . . .	. . . .	. . . .	. . . .	2 5.9	2 6.4	. . . .	4 23.7	4 23.8	. . . .
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	1 24.4	1 . . .	. . . .	1 6.5	1 6.6	. . . .	2 5.9	1 3.2	1 . . .	1 5.9	1 5.9	. . . .
Other conditions originating in the perinatal period (760-766, 770-779)	. . . .	. . . .	. . . .	1 6.5	1 6.6	. . . .	3 8.9	1 3.2	2 . . .	. . . .	. . . .	. . . .
Symptoms, signs & ill-defined conditions (780-799)	. . . .	. . . .	. . . .	3 19.4	3 19.7	. . . .	4 11.9	4 12.8	. . . .	1 5.9	1 5.9	. . . .
All other diseases	1 24.4	1 . . .	. . . .	9 58.1	9 59.0	. . . .	13 38.6	11 35.1	2 . . .	5 29.6	5 29.7	. . . .
Motor vehicle accidents (E810-E825)	. . . .	. . . .	. . . .	4 25.8	4 26.2	. . . .	4 11.9	4 12.8	. . . .	10 59.2	10 59.4	. . . .
All other accidents & adverse effects (E800-E807, E826-E949)	. . . .	. . . .	. . . .	5 32.3	5 32.8	. . . .	10 29.7	10 31.9	. . . .	6 35.5	6 35.7	. . . .
Suicide (E950-E959)	2 48.8	2 . . .	. . . .	2 12.9	2 13.1	. . . .	3 8.9	3 9.6	. . . .	7 41.4	7 41.6	. . . .
Homicide & legal intervention (E960-s.	. . . .	. . . .	. . . .	1 6.5	1 6.6	. . . .	1 3.0	1 3.2	. . . .	1 5.9	1 5.9	. . . .
All other external causes (E980-E999)	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	1 3.0	1 3.2	. . . .	. . . .	. . . .	. . . .

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TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	PERRY			PICKETT			POLK			PUTNAM		
Estimated Population, July 1, 1979	TOTAL 6,200	WHITE 6,018	NONWHITE 182	TOTAL 4,300	WHITE 4,294	NONWHITE 6	TOTAL 12,900	WHITE 12,886	NONWHITE 14	TOTAL 43,100	WHITE 42,320	NONWHITE 780
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	82 13.2	76 12.6	6 33.0	60 14.0	59 13.7	1 166.7	209 16.2	208 16.1	1 71.4	599 13.9	577 13.6	21 26.9
ILLEGITIMATE BIRTHS	9 11.0	6 7.9	3	3 5.0	3 5.1		12 5.7	12 5.8		43 7.2	42 7.3	1 4.8
LOW-WEIGHT BIRTHS (Less than 2500 grams)	4 4.9	4 5.3		2 3.3	2 3.4		18 8.6	18 8.7		34 5.7	34 5.9	
INFANT DEATHS (Under one year of age)	3 36.6	2 26.3	1				2 9.6	2 9.6		5 8.3	5 8.7	
Neonatal Deaths (Under 28 days of age)	3 36.6	2 26.3	1				1 4.8	1 4.8		5 8.3	5 8.7	
Under 7 days of age	2	1	1				1	1		5	5	
7-27 days of age	1	1										
MATERNAL DEATHS (ICD codes 630-676)												
FETAL DEATHS	2 24.4	2 26.3		1 16.7	1 16.9		2 9.6	2 9.6		4 6.7	4 6.9	
INDUCED TERMINATIONS OF PREGNANCY	6 73.2	6 78.9		2 33.3	2 33.9		12 57.4	12 57.7		184 307.2	177 306.8	7 333.3
TOTAL DEATHS	83 13.4	82 13.6	1 5.5	32 7.4	32 7.5		101 7.8	100 7.8	1 71.4	389 9.0	386 9.1	3 3.8
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)										3 7.0	3 7.1	
Tuberculosis, all forms (010-018)												
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)							1 7.8	1 7.8				
Septicemia (038)	1 16.1	1 16.6								3 7.0	3 7.1	
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)												
Measles (055)												
Viral hepatitis (070)												
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)												
All other infectious & parasitic diseases (remainder of 001-139)										1 2.3	1 2.4	
Malignant neoplasms (140-208)	16 258.1	16 265.9		5 116.3	5		19 147.3	19 147.4		67 155.5	66 156.0	1
Lip, oral cavity & pharynx (140-149)							1 7.8	1 7.8				
Digestive organs & peritoneum (150-159)	3 48.4	3 49.9		3 69.8	3		1 7.8	1 7.8		20 46.4	20 47.3	
Respiratory & intrathoracic organs (160-165)	7 112.9	7 116.3		1 23.3	1		6 46.5	6 46.6		14 32.5	14 33.1	
Breast (174-175)							1 7.8	1 7.8		7 16.2	7 16.5	
Female genital organs (179-184)	2 32.3	2 33.2					1 7.8	1 7.8		4 9.3	4 9.5	
Male genital organs (185-187)	3 48.4	3 49.9		1 23.3	1		3 23.3	3 23.3		6 13.9	6 14.2	
Urinary organs (188-189)							1 7.8	1 7.8		1 2.3	1 2.4	
Other & unsp. sites (170-173, 190-199)							5 38.8	5 38.8		7 16.2	6 14.2	1
Leukemia (204-208)										7 16.2	7 16.5	
Other lymphatic & hematopoietic tissue (200-203)	1 16.1	1 16.6								1 2.3	1 2.4	
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	1 16.1	1 16.6								2 4.6	2 4.7	
Diabetes mellitus (250)	1 16.1	1 16.6								6 13.9	6 14.2	
Nutritional deficiencies (260-269)												
Anemias (280-285)										1 2.3	1 2.4	
Meningitis (320-322)												
Diseases of heart (390-398, 402, 404-429)	28 451.6	28 465.3		15 348.8	15		42 325.6	41 318.2	1	140 324.8	140 330.8	
Rheumatic fever & rheumatic heart disease (390-398)				1 23.3	1					2 4.6	2 4.7	
Hypertensive heart disease (402)										5 11.6	5 11.8	
Hypertensive heart & renal disease (404)												
Ischemic heart disease (410-414)	21 338.7	21 349.0		13 302.3	13		37 286.8	37 287.1		117 271.5	117 276.5	
All other forms of heart disease (415-429)	7 112.9	7 116.3		1 23.3	1		5 38.8	4 31.0	1	16 37.1	16 37.8	
Hypertension, with or without renal disease (401, 403)										1 2.3	1 2.4	
Cerebrovascular disease (430-438)	3 48.4	3 49.9		1 23.3	1		11 85.3	11 85.4		55 127.6	55 130.0	
Atherosclerosis (440)	1 16.1	1 16.6					6 46.5	6 46.6		11 25.5	11 26.0	
Other diseases of arteries, arterioles and capillaries (441-448)							1 7.8	1 7.8		6 13.9	6 14.2	
Acute bronchitis & bronchiolitis (466)												
Pneumonia (480-486)	3 48.4	3 49.9		1 23.3	1		1 7.8	1 7.8		5 11.6	5 11.8	
Influenza (487)										1 2.3	1 2.4	
Bronchitis, chronic & unsp. (490-491)				1 23.3	1					3 7.0	3 7.1	
Emphysema (492)							1 7.8	1 7.8				
Asthma (493)												
Other chronic obstructive pulmonary disease & allied conditions (494-496)	2 32.3	2 33.2		1 23.3	1					7 16.2	7 16.5	
Ulcer of stomach & duodenum (531-533)				1 23.3	1					1 2.3	1 2.4	
Appendicitis (540-543)												
Hernia & intestinal obstruction (550-553, 560)										1 2.3	1 2.4	
Chronic liver disease & cirrhosis (571)	1 16.1	1 16.6		1 23.3	1		1 7.8	1 7.8		2 4.6	2 4.7	
Cholelithiasis & other disorders of gallbladder (574-575)							1 7.8	1 7.8		1 2.3	1 2.4	
Acute glomerulonephritis & nephrotic syndrome (580-581)												
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)										2 4.6	1 2.4	1
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)												
Infections of kidney (590)												
Hyperplasia of prostate (600)												
Complications of pregnancy, childbirth & the puerperium (630-676)												
Congenital anomalies (740-759)							1 7.8	1 7.8		2 4.6	2 4.7	
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	1 16.1	1 16.6								1 2.3	1 2.4	
Other conditions originating in the perinatal period (760-766, 770-779)	2 32.3	1 16.6	1				1 7.8	1 7.8		3 7.0	3 7.1	
Symptoms, signs & ill-defined conditions (780-799)	3 48.4	3 49.9					2 15.5	2 15.5		7 16.2	7 16.5	
All other diseases	8 129.0	8 132.9		1 23.3	1		9 69.8	9 69.8		20 46.4	20 47.3	
Motor vehicle accidents (E810-E825)	7 112.9	7 116.3		2 46.5	2		2 15.5	2 15.5		13 30.2	12 28.4	1
All other accidents & adverse effects (E800-E807, E826-E949)	3 48.4	3 49.9		1 23.3	1					15 34.8	15 35.4	
Suicide (E950-E959)	2 32.3	2 33.2		2 46.5	2		2 15.5	2 15.5		6 13.9	6 14.2	
Homicide & legal intervention (E960-E978)										1 2.3	1 2.4	
All other external causes (E980-E999)										2 4.6	2 4.7	

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TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	RHEA			ROANE			ROBERTSON			RUTHERFORD		
Estimated Population, July 1, 1979	TOTAL 23,200	WHITE 22,375	NONWHITE 825	TOTAL 45,100	WHITE 43,170	NONWHITE 1,930	TOTAL 33,200	WHITE 27,894	NONWHITE 5,306	TOTAL 78,600	WHITE 69,003	NONWHITE 9,597
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	360 15.5	350 15.6	10 12.1	657 14.6	627 14.5	30 15.5	536 16.1	438 15.7	98 18.5	1,212 15.4	1,050 15.2	162 16.9
ILLEGITIMATE BIRTHS	40 11.1	37 10.6	3 36.0	94 12.8	60 10.3	16 53.3	84 15.7	33 7.5	51 52.0	155 12.8	82 7.8	73 45.1
LOW-WEIGHT BIRTHS (Less than 2500 grams)	19 5.3	19 5.4		45 6.0	40 6.5	4 13.3	42 7.8	29 6.6	13 13.3	81 6.7	71 6.8	10 6.2
INFANT DEATHS (Under one year of age)	7 19.4	7 20.0		6 9.1	6 9.6		5 9.3	4 9.1	1 10.2	21 17.3	16 15.2	5 30.9
Neonatal Deaths (Under 28 days of age)	2 5.6	2 5.7		4 6.1	4 6.4		5 9.3	4 9.1	1 10.2	11 9.1	10 9.5	1 6.2
Under 7 days of age	1	1		3	3		4	3	1	6	6	
7-27 days of age	1	1		1	1		1	1		5	4	1
MATERNAL DEATHS (ICD codes 630-676)	1 27.8	1 28.6										
FETAL DEATHS	4 11.1	3 8.6	1 100.0	4 6.1	4 6.4		5 9.3	2 4.6	3 30.6	18 14.9	16 15.2	2 12.3
INDUCED TERMINATIONS OF PREGNANCY	35 97.2	35 100.0		143 217.7	134 213.7	9 100.0	96 179.1	76 173.5	20 204.1	383 316.0	316 301.0	64 395.1
TOTAL DEATHS	217 9.4	210 9.4	7 8.5	376 8.3	358 8.3	18 9.3	355 10.7	299 10.7	56 10.6	494 6.3	419 6.1	75 7.8
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)												
Tuberculosis, all forms (010-018)	1 4.3	1 4.5										
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)										1 1.3	1 1.4	
Meningococcal infection (036)										3 3.8	1 1.4	2 20.8
Septicemia (038)	1 4.3	1 4.5		1 2.2	1 2.3							
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)												
Measles (055)												
Viral hepatitis (070)												
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)												
All other infectious & parasitic diseases (remainder of 001-139)				1 2.2	1 2.3					1 1.3	1 1.4	
Malignant neoplasms (140-208)	43 185.3	41 183.2	2	78 172.9	73 169.1	5	78 234.9	65 233.0	13 245.0	104 132.3	94 136.2	10 104.2
Lip, oral cavity & pharynx (140-149)	1 4.3	1 4.5		2 4.4	2 4.6		3 9.0	1 3.6	2 37.7	1 1.3	1 1.4	
Digestive organs & peritoneum (150-159)	9 38.8	9 40.2		15 33.3	14 32.4	1	21 63.3	18 64.5	3 56.5	27 34.4	24 34.8	3 31.3
Respiratory & intrathoracic organs (160-165)	17 73.3	15 67.0	2	22 48.8	20 46.3	2	16 48.2	13 46.6	3 56.5	32 40.7	29 42.0	3 31.3
Breast (174-175)	2 8.6	2 8.9		7 15.5	7 16.2		7 21.1	7 25.1		4 5.1	2 2.9	2 20.8
Female genital organs (179-184)	3 12.9	3 13.4		4 8.9	3 6.9	1	6 18.1	6 21.5		7 8.9	7 10.1	
Male genital organs (185-187)	2 8.6	2 8.9		3 6.7	3 6.9		5 15.1	3 10.8	2 37.7	6 7.6	6 8.7	
Urinary organs (188-189)	2 8.6	2 8.9		4 8.9	3 6.9	1	8 24.1	8 28.7		7 8.9	6 8.7	1 10.4
Other & unsp. sites (170-173, 190-199)	5 21.6	5 22.3		12 26.6	12 27.8		9 27.1	7 25.1	2 37.7	11 14.0	10 14.5	1 10.4
Leukemia (204-208)	1 4.3	1 4.5		6 13.3	6 13.9					6 7.6	6 8.7	
Other lymphatic & hematopoietic tissue (200-203)	1 4.3	1 4.5		3 6.7	3 6.9		3 9.0	2 7.2	1 18.8	3 3.8	3 4.3	
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)										1 1.3	1 1.4	
Diabetes mellitus (250)	5 21.6	5 22.3		5 11.1	5 11.6		4 12.0	3 10.8	1 18.8	7 8.9	5 7.2	2 20.8
Nutritional deficiencies (260-269)							1 3.0	1 3.6				
Anemias (280-285)												
Meningitis (320-322)				1 2.2	1 2.3							
Diseases of heart (390-398, 402, 404-429)	86 370.7	83 370.9	3	137 303.8	132 305.8	5	137 412.7	122 437.4	15 282.7	175 222.6	148 214.5	27 281.3
Rheumatic fever & rheumatic heart disease (390-398)				3 6.7	3 6.9		2 6.0	2 7.2		1 1.3	1 1.4	
Hypertensive heart disease (402)	2 8.6	2 8.9		2 4.4	1 2.3	1	2 6.0	2 7.2		7 8.9	3 4.3	4 41.7
Hypertensive heart & renal disease (404)												
Ischemic heart disease (410-414)	79 340.5	77 344.1	2	107 237.3	104 240.9	3	110 331.3	97 347.7	13 245.0	142 180.7	122 176.8	20 208.4
All other forms of heart disease (415-429)	5 21.6	4 17.9	1	25 55.4	24 55.6	1	23 69.3	21 75.3	2 37.7	25 31.8	22 31.9	3 31.3
Hypertension, with or without renal disease (401, 403)				1 2.2	1 2.3		1 3.0	1 3.6		1 1.3		1 10.4
Cerebrovascular disease (430-438)	12 51.7	11 49.2	1	41 90.9	38 88.0	3	42 126.5	29 104.0	13 245.0	67 85.2	57 82.6	10 104.2
Atherosclerosis (440)	6 25.9	6 26.8		8 17.7	7 16.2	1	11 33.1	9 32.3	2 37.7	6 7.6	4 5.8	2 20.8
Other diseases of arteries, arterioles and capillaries (441-448)	3 12.9	3 13.4		1 2.2	1 2.3		2 6.0	2 7.2		3 3.8	3 4.3	
Acute bronchitis & bronchiolitis (466)												
Pneumonia (480-486)	8 34.5	8 35.8		11 24.4	11 25.5		4 12.0	4 14.3		14 17.8	9 13.0	5 52.1
Influenza (487)												
Bronchitis, chronic & unsp. (490-491)										2 2.5	2 2.9	
Emphysema (492)	1 4.3	1 4.5		2 4.4	1 2.3	1	1 3.0	1 3.6		6 7.6	6 8.7	
Asthma (493)				1 2.2	1 2.3							
Other chronic obstructive pulmonary disease & allied conditions (494-496)	8 34.5	8 35.8		12 26.6	12 27.8		3 9.0	3 10.8		1 1.3	1 1.4	
Ulcer of stomach & duodenum (531-533)				2 4.4	2 4.6					2 2.5	2 2.9	
Appendicitis (540-543)												
Hernia & intestinal obstruction (550-553, 560)				1 2.2	1 2.3					2 2.5	2 2.9	
Chronic liver disease & cirrhosis (571)	4 17.2	4 17.9		7 15.5	7 16.2		2 6.0	2 7.2		8 10.2	7 10.1	1 10.4
Cholelithiasis & other disorders of gallbladder (574-575)	1 4.3	1 4.5		1 2.2	1 2.3							
Acute glomerulonephritis & nephrotic syndrome (580-581)							1 3.0		1 18.8			
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)				2 4.4	2 4.6							
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	1 4.3	1 4.5		3 6.7	3 6.9		1 3.0		1 18.8	2 2.5	2 2.9	
Infections of kidney (590)				1 2.2	1 2.3		4 12.0	4 14.3				
Hyperplasia of prostate (600)							1 3.0		1 18.8			
Complications of pregnancy, childbirth & the puerperium (630-676)	1 27.8	1 28.6								8 10.2	6 8.7	2 20.8
Congenital anomalies (740-759)	1 4.3	1 4.5					3 9.0	3 10.8				
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	2 8.6	2 8.9		2 4.4	2 4.6		2 6.0	1 3.6	1 18.8	1 1.3	1 1.4	
Other conditions originating in the perinatal period (760-766, 770-779)										4 5.1	4 5.8	
Symptoms, signs & ill-defined conditions (780-799)	2 8.6	2 8.9		14 31.0	14 32.4		1 3.0	1 3.6		4 5.1	3 4.3	1 10.4
All other diseases	10 43.1	10 44.7		15 33.3	12 27.8	3	19 57.2	17 60.9	2 37.7	29 36.9	24 34.8	5 52.1
Motor vehicle accidents (E810-E825)	13 56.0	13 58.1		14 31.0	14 32.4		12 36.1	11 39.4	1 18.8	13 16.5	12 17.4	1 10.4
All other accidents & adverse effects (E800-E807, E826-E949)	5 21.6	4 17.9	1	6 13.3	6 13.9		12 36.1	11 39.4	1 18.8	16 20.4	14 20.3	2 20.8
Suicide (E950-E959)	2 8.6	2 8.9		3 6.7	3 6.9		9 27.1	8 28.7	1 18.8	5 6.4	4 5.8	1 10.4
Homicide & legal intervention (E960-E978)	1 4.3	1 4.5		4 8.9	4 9.3		4 12.0	1 3.6	3 56.5	7 8.9	5 7.2	2 20.8
All other external causes (E980-E999)				1 2.2	1 2.3					1 1.3		1 10.4

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	SCOTT						SEQUATCHIE						SEVIER						SHELBY					
Estimated Population, July 1, 1979	TOTAL 17,600		WHITE 17,586		NONWHITE 14		TOTAL 7,800		WHITE 7,798		NONWHITE 2		TOTAL 37,800		WHITE 37,605		NONWHITE 195		TOTAL 756,800		WHITE 475,311		NONWHITE 281,489	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	342	19.4	342	19.4			127	16.3	127	16.3			568	15.0	563	15.0	5	25.6	13,915	18.4	6,192	13.0	7,722	27.4
ILLEGITIMATE BIRTHS	43	12.6	43	12.6			15	11.8	15	11.8			40	7.0	40	7.1			4,834	34.7	364	5.9	4,470	57.9
LOW-WEIGHT BIRTHS (Less than 2500 grams)	23	6.7	23	6.7			8	6.3	8	6.3			34	6.0	34	6.0			1,387	10.0	364	5.9	1,023	13.2
INFANT DEATHS (Under one year of age)	3	8.8	3	8.8			4	31.5	4	31.5			11	19.4	11	19.5			215	15.5	56	9.0	159	20.6
Neonatal Deaths (Under 28 days of age)							2	15.7	2	15.7			5	8.8	5	8.9			147	10.6	38	6.1	109	14.1
Under 7 days of age							2		2				4		4				123		33		90	
7-27 days of age													1		1				24		5		19	
MATERNAL DEATHS (ICD codes 630-676)	1	29.2	1	29.2															3	2.2			3	3.9
FETAL DEATHS	5	14.6	5	14.6									3	5.3	2	3.6			135	9.7	49	7.9	84	10.9
INDUCED TERMINATIONS OF PREGNANCY	35	102.3	35	102.3			8	63.0	8	63.0			164	288.7	163	289.5			5,550	398.9	2,905	469.2	2,643	342.3
TOTAL DEATHS	152	8.6	152	8.6			72	9.2	72	9.2			317	8.4	316	8.4	1	5.1	6,420	8.5	3,556	7.5	2,864	10.2
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)																								
Certain other intestinal infections (007-009)													1	2.6	1	2.7			1	0.1	1	0.2		
Tuberculosis, all forms (010-018)	1	5.7	1	5.7			1	12.8	1	12.8									11	1.5	5	1.1	6	2.1
Whooping cough (033)																								
Streptococcal sore throat, scarlatina & erysipelas (034-035)																								
Meningococcal infection (036)																			31	4.1	14	2.9	17	6.0
Septicemia (038)																								
Acute poliomyelitis (045)																			2	0.3	1	0.2	1	0.4
Viral encephalitis (049.8-049.9, 062-064)																								
Measles (055)																			2	0.3	1	0.2	1	0.4
Viral hepatitis (070)																								
Rocky Mtn. spotted fever (082.0)																			2	0.3			2	0.7
Syphilis (090-097)																								
All other infectious & parasitic diseases (remainder of 001-139)													2	5.3	2	5.3			15	2.0	9	1.9	6	2.1
Malignant neoplasms (140-208)	34	193.2	34	193.3			14	179.5	14	179.5			69	182.5	68	180.8	1		1,385	183.0	817	171.9	568	201.8
Lip, oral cavity & pharynx (140-149)													1	2.6	1	2.7			22	2.9	15	3.2	7	2.5
Digestive organs & peritoneum (150-159)	13	73.9	13	73.9			2	25.6	2	25.6			12	31.7	12	31.9			353	46.6	194	40.8	159	56.5
Respiratory & intrathoracic organs (160-165)	8	45.5	8	45.5			5	64.1	5	64.1			19	50.3	19	50.5			370	48.9	241	50.7	129	45.8
Breast (174-175)	1	5.7	1	5.7			1	12.8	1	12.8			4	10.6	4	10.6			111	14.7	69	14.5	42	14.9
Female genital organs (179-184)	1	5.7	1	5.7									4	10.6	4	10.6			84	11.1	42	8.8	42	14.9
Male genital organs (185-187)	2	11.4	2	11.4			1	12.8	1	12.8			5	13.2	4	10.6	1		91	12.0	40	8.4	51	18.1
Urinary organs (188-189)	2	11.4	2	11.4			1	12.8	1	12.8			1	2.6	1	2.7			41	5.4	29	6.1	12	4.3
Other & unsp. sites (170-173, 190-199)	7	39.8	7	39.8									18	47.6	18	47.9			204	27.0	117	24.6	87	30.9
Leukemia (204-208)							1	12.8	1	12.8									50	6.6	34	7.2	16	5.7
Other lymphatic & hematopoietic tissue (200-203)							3	38.5	3	38.5			5	13.2	5	13.3			59	7.8	36	7.6	23	8.2
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)													1	2.6	1	2.7			23	3.0	9	1.9	14	5.0
Diabetes mellitus (250)	1	5.7	1	5.7									5	13.2	5	13.3			88	11.6	32	6.7	56	19.9
Nutritional deficiencies (260-269)													1	2.6	1	2.7			1	0.1			1	0.4
Anemias (280-285)													1	2.6	1	2.7			11	1.5	9	1.9	2	0.7
Meningitis (320-322)																			2	0.3			2	0.7
Diseases of heart (390-398, 402, 404-429)	61	346.6	61	346.9			33	423.1	33	423.2			125	330.7	125	332.4			2,239	295.9	1,267	266.6	972	345.3
Rheumatic fever & rheumatic heart disease (390-398)							1	12.8	1	12.8			1	2.6	1	2.7			21	2.8	18	3.8	3	1.1
Hypertensive heart disease (402)							1	12.8	1	12.8			2	5.3	2	5.3			138	18.2	38	8.0	100	35.5
Hypertensive heart & renal disease (404)																			8	1.1	5	1.1	3	1.1
Ischemic heart disease (410-414)	50	284.1	50	284.3			24	307.7	24	307.8			103	272.5	103	273.9			1,297	171.4	942	198.2	355	126.1
All other forms of heart disease (415-429)	11	62.5	11	62.5			7	89.7	7	89.8			19	50.3	19	50.5			775	102.4	264	55.5	511	181.5
Hypertension, with or without renal disease (401, 403)																			17	2.2	8	1.7	9	3.2
Cerebrovascular disease (430-438)	6	34.1	6	34.1			4	51.3	4	51.3			26	68.8	26	69.1			702	92.8	360	75.7	342	121.5
Atherosclerosis (440)	2	11.4	2	11.4									3	7.9	3	8.0			106	14.0	71	14.9	35	12.4
Other diseases of arteries, arterioles and capillaries (441-448)	1	5.7	1	5.7									1	2.6	1	2.7			46	6.1	33	6.9	13	4.6
Acute bronchitis & bronchiolitis (466)																			5	0.7	4	0.8	1	0.4
Pneumonia (480-486)	4	22.7	4	22.7			2	25.6	2	25.6			14	37.0	14	37.2			135	17.8	91	19.1	44	15.6
Influenza (487)																								
Bronchitis, chronic & unsp. (490-491)	2	11.4	2	11.4									1	2.6	1	2.7			9	1.2	9	1.9		
Emphysema (492)																			29	3.8	25	5.3	4	1.4
Asthma (493)																			6	0.8	2	0.4	4	1.4
Other chronic obstructive pulmonary disease & allied conditions (494-496)	5	28.4	5	28.4									9	23.8	9	23.9			116	15.3	88	18.5	28	9.9
Ulcer of stomach & duodenum (531-533)																			11	1.5	8	1.7	3	1.1
Appendicitis (540-543)																			3	0.4	2	0.4	1	0.4
Hernia & intestinal obstruction (550-553, 560)																								
Chronic liver disease & cirrhosis (571)	1	5.7	1	5.7			2	25.6	2	25.6			3	7.9	3	8.0			21	2.8	7	1.5	14	5.0
Cholelithiasis & other disorders of gallbladder (574-575)	1	5.7	1	5.7															88	11.6	48	10.1	40	14.2
Acute glomerulonephritis & nephrotic syndrome (580-581)																			8	1.1	7	1.5	1	0.4
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)																			6	0.8	3	0.6	3	1.1
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	1	5.7	1	5.7			1	12.8	1	12.8									28	3.7	10	2.1	18	6.4
Infections of kidney (590)							2	25.6	2	25.6			3	7.9	3	8.0			47	6.2	19	4.0	28	9.9
Hyperplasia of prostate (600)							1	12.8	1	12.8									8	1.1	5	1.1	3	1.1
Complications of pregnancy, childbirth & the puerperium (630-676)	1	29.2	1	29.2															4	0.5	2	0.4	2	0.7
Congenital anomalies (740-759)	1	5.7	1	5.7			2	25.6	2	25.6			3	7.9	3	8.0			3	2.2			3	3.9
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)																			47	6.2	24	5.0	23	8.2
Other conditions originating in the perinatal period (760-766, 770-779)													1	2.6	1	2.7			19	2.5	9	1.9	10	3.6
Symptoms, signs & ill-defined conditions (780-799)													1	2.6	1	2.7			100	13.2	19	4.0	81	28.8
All other diseases	1	5.7	1	5.7			1	12.8	1	12.8			4	10.6	4	10.6			59	7.8	16	3.4	43	15.3
Motor vehicle accidents (E810-E825)	8	45.5	8	45.5			2	25.6	2	25.6			12	31.7	12	31.9			420	55.5	237	49.9	183	65.0
All other accidents & adverse effects (E800-E807, E826-E949)	9	51.1	9	51.2			5	64.1	5	64.1			12	31.7	12	31.9			164	21.7	88	18.5	76	27.0
Suicide (E950-E959)	6	34.1	6	34.1			1	12.8	1	12.8			9	23.8	9	23.9			167	22.1	87	18.3	80	28.4
Homicide & legal intervention (E960-E978)	1	5.7	1	5.7									9	23.8	9	23.9			99	13.1	82	17.3	17	6.0
All other external causes (E980-E999)	1	5.7	1	5.7			1	12.8	1	12.8			1	2.6	1	2.7			127	16.8	24	5.0	103	36.6
	4	22.7	4	22.7															7	0.9	3	0.6	4	1.4

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	SMITH						STEWART						SULLIVAN						SUMNER					
Estimated Population, July 1, 1979	TOTAL 13,600		WHITE 12,911		NONWHITE 689		TOTAL 9,200		WHITE 8,969		NONWHITE 231		TOTAL 148,100		WHITE 137,223		NONWHITE 2,877		TOTAL 78,400		WHITE 72,410		NONWHITE 5,990	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	198	14.6	191	14.8	7	10.2	110	12.0	107	11.9	3	13.0	1,744	12.4	1,699	12.4	45	15.6	1,301	16.6	1,172	16.2	129	21.5
ILLEGITIMATE BIRTHS	14	7.1	11	5.8	3		8	7.3	7	6.5	1		149	8.5	134	7.9	15	33.3	148	11.4	77	6.6	71	55.0
LOW-WEIGHT BIRTHS (Less than 2500 grams)	14	7.1	14	7.3			5	4.5	5	4.7			117	6.7	109	6.4	8	17.8	87	6.7	72	6.1	15	11.6
INFANT DEATHS (Under one year of age)	3	15.2	3	15.7			2	18.2	2	18.7			27	15.5	27	15.9			20	15.4	20	17.1		
Neonatal Deaths (Under 28 days of age)	3	15.2	3	15.7			2	18.2	2	18.7			17	9.7	17	10.0			12	9.2	12	10.2		
Under 7 days of age	3		3				1		1				13		13				11		11			
7-27 days of age							1		1				4		4				1		1			
MATERNAL DEATHS (ICD codes 630-676)																								
FETAL DEATHS	2	10.1	1	5.2									17	9.7	16	9.4			5	3.8	5	4.3		
INDUCED TERMINATIONS OF PREGNANCY	23	116.2	20	104.7	3		25	227.3	24	224.3	1		534	306.2	515	303.1	19	422.2	218	167.6	199	169.8	18	139.5
TOTAL DEATHS	134	9.9	131	10.1	3	4.4	83	9.0	81	9.0	2	8.7	1,107	7.9	1,082	7.9	25	8.7	506	6.5	466	6.4	40	6.7
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)																								
Certain other intestinal infections (007-009)																								
Tuberculosis, all forms (010-018)	1	7.4	1	7.7									3	2.1	3	2.2								
Whooping cough (033)																								
Streptococcal sore throat, scarlatina & erysipelas (034-035)																								
Meningococcal infection (036)																								
Septicemia (038)													3	2.1	3	2.2			2	2.6	1	1.4	1	16.7
Acute poliomyelitis (045)																								
Viral encephalitis (049.8-049.9, 062-064)																								
Measles (055)																								
Viral hepatitis (070)																								
Rocky Mtn. spotted fever (082.0)																								
Syphilis (090-097)																								
All other infectious & parasitic diseases (remainder of 001-139)																			1	1.3	1	1.4		
Malignant neoplasms (140-208)	23	169.1	22	170.4	1		13	141.3	13	144.9			1	0.7	1	0.7			2	2.6	2	2.8		
Lip, oral cavity & pharynx (140-149)	1	7.4	1	7.7									230	164.2	225	164.0	5		109	139.0	100	138.1	9	150.3
Digestive organs & peritoneum (150-159)	4	29.4	4	31.0			5	54.3	5	55.7			3	2.1	3	2.2			3	3.8	2	2.8	1	16.7
Respiratory & intrathoracic organs (160-165)	5	36.8	5	38.7			4	43.5	4	44.6			57	40.7	57	41.5			23	29.3	20	27.6	3	50.1
Breast (174-175)	1	7.4	1	7.7									64	45.7	62	45.2	2		36	45.9	34	47.0	2	33.4
Female genital organs (179-184)	2	14.7	1	7.7	1								22	15.7	21	15.3	1		14	17.9	13	18.0	1	16.7
Male genital organs (185-187)	3	22.1	3	23.2			1	10.9	1	11.1			20	14.3	20	14.6			8	10.2	8	11.0		
Urinary organs (188-189)	2	14.7	2	15.5									10	7.1	10	7.3			4	5.1	4	5.5		
Other & unsp. sites (170-173, 190-199)	1	7.4	1	7.7			3	32.6	3	33.4			13	9.3	13	9.5			2	2.6	1	1.4	1	16.7
Leukemia (204-208)													26	18.6	26	18.9			11	14.0	11	15.2		
Other lymphatic & hematopoietic tissue (200-203)	4	29.4	4	31.0									6	4.3	5	3.6	1		3	3.8	3	4.1		
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)													9	6.4	8	5.8	1		5	6.4	4	5.5	1	16.7
Diabetes mellitus (250)	1	7.4	1	7.7															2	2.6	2	2.8		
Nutritional deficiencies (260-269)													14	10.0	14	10.2			4	5.1	3	4.1	1	16.7
Anemias (280-285)																								
Meningitis (320-322)													3	2.1	3	2.2			2	2.6	1	1.4	1	16.7
Diseases of heart (390-398, 402, 404-429)	52	382.4	51	395.0	1		33	358.7	31	345.6	2		1	0.7	1	0.7								
Rheumatic fever & rheumatic heart disease (390-398)	2	14.7	2	15.5			1	10.9	1	11.1			434	309.8	428	311.9	6		184	234.7	174	240.3	10	166.9
Hypertensive heart disease (402)	1	7.4	1	7.7									9	6.4	9	6.6			2	2.6	2	2.8		
Hypertensive heart & renal disease (404)													20	14.3	19	13.8	1		2	2.6	2	2.8		
Ischemic heart disease (410-414)	41	301.5	40	309.8	1		29	315.2	27	301.0	2		2	1.4	2	1.5								
All other forms of heart disease (415-429)	8	58.8	8	62.0			3	32.6	3	33.4			348	248.4	345	251.4	3		130	165.8	123	169.9	7	116.9
Hypertension, with or without renal disease (401, 403)													55	39.3	53	38.6	2		50	63.8	47	64.9	3	50.1
Cerebrovascular disease (430-438)	24	176.5	24	185.9			7	76.1	7	78.0			1	0.7	1	0.7			4	5.1	3	4.1	1	16.7
Atherosclerosis (440)	4	29.4	4	31.0			3	32.6	3	33.4			108	77.1	104	75.8	4		44	56.1	42	58.0	2	33.4
Other diseases of arteries, arterioles and capillaries (441-448)							1	10.9	1	11.1			15	10.7	15	10.9			18	23.0	16	22.1	2	33.4
Acute bronchitis & bronchiolitis (466)													14	10.0	14	10.2			7	8.9	6	8.3	1	16.7
Pneumonia (480-486)	2	14.7	2	15.5			2	21.7	2	22.3			1	0.7	1	0.7								
Influenza (487)													34	24.3	33	24.0	1		15	19.1	15	20.7		
Bronchitis, chronic & unsp. (490-491)																								
Emphysema (492)	1	7.4	1	7.7									1	0.7	1	0.7			2	2.6	2	2.8		
Asthma (493)													5	3.6	5	3.6			2	2.6	2	2.8		
Other chronic obstructive pulmonary disease & allied conditions (494-496)	4	29.4	4	31.0			1	10.9	1	11.1			2	1.4	2	1.5								
Ulcer of stomach & duodenum (531-533)	1	7.4	1	7.7									22	15.7	20	14.6	2		5	6.4	5	6.9		
Appendicitis (540-543)													1	0.7	1	0.7			2	2.6	2	2.8		
Hernia & intestinal obstruction (550-553, 560)	1	7.4	1	7.7																				
Chronic liver disease & cirrhosis (571)							2	21.7	2	22.3			16	11.4	14	10.2	2		1	1.3	1	1.4		
Cholelithiasis & other disorders of gallbladder (574-575)							1	10.9	1	11.1			1	0.7	1	0.7			1	1.3	1	1.4		
Acute glomerulonephritis & nephrotic syndrome (580-581)																			2	2.6	1	1.4	1	16.7
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)																								
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	1	7.4	1	7.7			1	10.9	1	11.1			1	0.7	1	0.7			1	1.3	1	1.4		
Infections of kidney (590)													9	6.4	8	5.8	1		3	3.8	1	1.4	2	33.4
Hyperplasia of prostate (600)													2	1.4	2	1.5			1	1.3	1	1.4		
Complications of pregnancy, childbirth & the puerperium (630-676)																								
Congenital anomalies (740-759)													12	8.6	12	8.7			3	3.8	3	4.1		
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	3	22.1	3	23.2									5	3.6	5	3.6			4	5.1	4	5.5		
Other conditions originating in the perinatal period (760-766, 770-779)							1	10.9	1	11.1			6	4.3	6	4.4			6	7.7	6	8.3		
Symptoms, signs & ill-defined conditions (780-799)	2	14.7	1	7.7	1		3	32.6	3	33.4			8	5.7	7	5.1	1		7	8.9	6	8.3	1	16.7
All other diseases	4	29.4	4	31.0			6	65.2	6	66.9			58	41.4	57	41.5	1		25	31.9	23	31.8	2	33.4
Motor vehicle accidents (E810-E825)	3	22.1	3	23.2			5	54.3	5	55.7			38	27.1	38	27.7			22	28.1	19	26.2	3	50.1
All other accidents & adverse effects (E800-E807, E826-E949)	4	29.4	4	31.0			3	32.6	3	33.4			36	25.7	36	26.2			11	14.0	10	13.8	1	16.7
Suicide (E950-E959)	3	22.1	3	23.2			1	10.9	1	11.1			13	9.3	11	8.0	2		8	10.2	8	11.0		
Homicide & legal intervention (E960-E978)													7	5.0	7	5.1			4	5.1	2	2.8	2	33.4
All other external causes (E980-E999)													2	1.4	2	1.5			2	2.6	2	2.8		

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Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	TIPTON			TROUSDALE			UNICOI			UNION		
Estimated Population, July 1, 1979	TOTAL 31,100	WHITE 20,977	NONWHITE 10,123	TOTAL 5,600	WHITE 4,585	NONWHITE 1,015	TOTAL 16,400	WHITE 16,378	NONWHITE 22	TOTAL 12,000	WHITE 11,995	NONWHITE 5
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	508 16.1	317 15.1	183 18.1	83 14.8	70 15.3	13 12.8	193 11.8	193 11.8		141 11.8	141 11.8	
ILLEGITIMATE BIRTHS	120 24.0	23 7.3	97 53.0	13 15.7	6 8.6	7 53.8	19 9.8	19 9.8		11 7.8	11 7.8	
LOW-WEIGHT BIRTHS (Less than 2500 grams)	38 7.6	17 5.4	21 11.5	8 9.6	7 10.0	1 7.7	11 5.7	11 5.7		12 8.5	12 8.5	
INFANT DEATHS (Under one year of age)	8 16.0	5 15.8	3 16.4	3 36.1	2 28.6	1 76.9	1 5.2	1 5.2		2 14.2	2 14.2	
Neonatal Deaths (Under 28 days of age)	6 12.0	4 12.6	2 10.9	2 24.1	2 28.6					1 7.1	1 7.1	
Under 7 days of age	6	4	2	1	1					1	1	
7-27 days of age				1	1							
MATERNAL DEATHS (ICD codes 630-676)												
FETAL DEATHS	3 6.0	1 3.2	2 10.9				3 15.5	3 15.5		2 14.2	2 14.2	
INDUCED TERMINATIONS OF PREGNANCY	72 144.0	52 164.0	20 109.3	16 192.8	11 157.1	5 384.6	32 165.8	32 165.8		20 141.8	20 141.8	
TOTAL DEATHS	290 9.3	180 8.6	110 10.9	53 9.5	39 8.5	14 13.8	149 9.1	149 9.1		94 7.8	94 7.8	
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)	1 3.2		1 9.9									
Certain other intestinal infections (007-009)				1 17.9	1		1 6.1	1 6.1		1 8.3	1 8.3	
Tuberculosis, all forms (010-018)												
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)												
Septicemia (038)												
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)												
Measles (055)												
Viral hepatitis (070)												
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)												
All other infectious & parasitic diseases (remainder of 001-139)	1 3.2		1 9.9									
Malignant neoplasms (140-208)	46 147.9	30 143.0	16 158.1	9 160.7	9		36 219.5	36 219.8		17 141.7	17 141.7	
Lip, oral cavity & pharynx (140-149)	1 3.2	1 4.8					2 12.2	2 12.2		1 8.3	1 8.3	
Digestive organs & peritoneum (150-159)	12 38.6	7 33.4	5 49.4	3 53.6	3		6 36.6	6 36.6		4 33.3	4 33.3	
Respiratory & intrathoracic organs (160-165)	14 45.0	8 38.1	6 59.3	2 35.7	2		13 79.3	13 79.4		4 33.3	4 33.3	
Breast (174-175)	3 9.6	2 9.5	1 9.9							5 41.7	5 41.7	
Female genital organs (179-184)				1 17.9	1		2 12.2	2 12.2		1 8.3	1 8.3	
Male genital organs (185-187)	4 12.9	2 9.5	2 19.8				1 6.1	1 6.1				
Urinary organs (188-189)	2 6.4	1 4.8	1 9.9	1 17.9	1		2 12.2	2 12.2				
Other & unsp. sites (170-173, 190-199)	6 19.3	6 28.6		2 35.7	2		8 48.8	8 48.8		1 8.3	1 8.3	
Leukemia (204-208)	2 6.4	1 4.8	1 9.9									
Other lymphatic & hematopoietic tissue (200-203)	2 6.4	2 9.5					2 12.2	2 12.2		1 8.3	1 8.3	
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)												
Diabetes mellitus (250)	4 12.9		4 39.5	1 17.9		1	3 18.3	3 18.3		1 8.3	1 8.3	
Nutritional deficiencies (260-269)												
Anemias (280-285)	1 3.2	1 4.8										
Meningitis (320-322)												
Diseases of heart (390-398, 402, 404-429)	116 373.0	75 357.5	41 405.0	17 303.6	14	3	62 378.0	62 378.6		30 250.0	30 250.1	
Rheumatic fever & rheumatic heart disease (390-398)							1 6.1	1 6.1				
Hypertensive heart disease (402)	1 3.2	1 4.8										
Hypertensive heart & renal disease (404)												
Ischemic heart disease (410-414)	91 292.6	58 276.5	33 326.0	15 267.9	12	3	51 311.0	51 311.4		22 183.3	22 183.4	
All other forms of heart disease (415-429)	24 77.2	16 76.3	8 79.0	2 35.7	2		10 61.0	10 61.1		8 66.7	8 66.7	
Hypertension, with or without renal disease (401, 403)				1 17.9		1						
Cerebrovascular disease (430-438)	42 135.0	24 114.4	18 177.8	6 107.1	2	4	16 97.6	16 97.7		13 108.3	13 108.4	
Atherosclerosis (440)	5 16.1	2 9.5	3 29.6	3 53.6	1	2	1 6.1	1 6.1				
Other diseases of arteries, arterioles and capillaries (441-448)	5 16.1	2 9.5	3 29.6				2 12.2	2 12.2		1 8.3	1 8.3	
Acute bronchitis & bronchiolitis (466)							2 12.2	2 12.2		7 58.3	7 58.4	
Pneumonia (480-486)	4 12.9	3 14.3	1 9.9				1 6.1	1 6.1				
Influenza (487)												
Bronchitis, chronic & unsp. (490-491)										2 16.7	2 16.7	
Emphysema (492)	1 3.2		1 9.9									
Asthma (493)												
Other chronic obstructive pulmonary disease & allied conditions (494-496)	3 9.6	3 14.3					6 36.6	6 36.6		2 16.7	2 16.7	
Ulcer of stomach & duodenum (531-533)	1 3.2		1 9.9									
Appendicitis (540-543)												
Hernia & intestinal obstruction (550-553, 560)	1 3.2	1 4.8										
Chronic liver disease & cirrhosis (571)	4 12.9	3 14.3	1 9.9				1 6.1	1 6.1		1 8.3	1 8.3	
Cholelithiasis & other disorders of gallbladder (574-575)												
Acute glomerulonephritis & nephrotic syndrome (580-581)												
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	1 3.2		1 9.9	1 17.9		1				1 8.3	1 8.3	
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	2 6.4	2 9.5										
Infections of kidney (590)	1 3.2	1 4.8										
Hyperplasia of prostate (600)												
Complications of pregnancy, childbirth & the puerperium (630-676)							2 12.2	2 12.2		1 8.3	1 8.3	
Congenital anomalies (740-759)	2 6.4	2 9.5										
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	1 3.2	1 4.8										
Other conditions originating in the perinatal period (760-766, 770-779)	2 6.4	1 4.8	1 9.9	2 35.7	2							
Symptoms, signs & ill-defined conditions (780-799)	3 9.6	1 4.8	2 19.8	2 35.7	1	1				3 25.0	3 25.0	
All other diseases	19 61.1	10 47.7	9 88.9	2 35.7	1	1	8 48.8	8 48.8		6 50.0	6 50.0	
Motor vehicle accidents (E810-E825)	10 32.2	7 33.4	3 29.6	3 53.6	3		2 12.2	2 12.2		2 16.7	2 16.7	
All other accidents & adverse effects (E800-E807, E826-E949)	11 35.4	9 42.9	2 19.8	2 35.7	2		2 12.2	2 12.2		6 50.0	6 50.0	
Suicide (E950-E959)	1 3.2	1 4.8		2 35.7	2		2 12.2	2 12.2				
Homicide & legal intervention (E960-E978)	2 6.4	1 4.8	1 9.9				2 12.2	2 12.2				
All other external causes (E980-E999)				1 17.9	1							

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	VAN BUREN				WARREN				WASHINGTON				WAYNE			
Estimated Population, July 1, 1979	TOTAL 4,580		WHITE 4,487		TOTAL 31,300		WHITE 29,881		TOTAL 83,400		WHITE 80,063		TOTAL 13,200		WHITE 12,972	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	75	16.7	75	16.7	529	16.9	506	16.9	1,073	12.9	1,014	12.7	193	14.6	185	14.3
ILLEGITIMATE BIRTHS	13	17.3	13	17.3	38	7.2	28	5.5	125	11.6	103	10.2	18	9.3	12	6.5
LOW-WEIGHT BIRTHS (Less than 2500 grams)	4	5.3	4	5.3	39	7.4	36	7.1	87	8.1	77	7.6	9	6.7	8	6.3
INFANT DEATHS (Under one year of age)					2	3.8	2	4.0	18	16.8	16	15.8	1	5.2	1	5.4
Neonatal Deaths (Under 28 days of age)					2	3.8	2	4.0	11	10.3	10	9.9	1	5.2	1	5.4
Under 7 days of age					2		2		11		10		1		1	
7-27 days of age																
MATERNAL DEATHS (ICD codes 630-676)																
FETAL DEATHS					1	1.9	1	2.0	14	13.0	11	10.8	3	50.8	2	10.4
INDUCED TERMINATIONS OF PREGNANCY	5	66.7	5	66.7	92	173.9	85	168.0	6	260.9	376	350.4	353	348.1	23	389.8
TOTAL DEATHS	40	8.9	40	8.9	310	9.9	292	9.8	18	12.7	744	8.9	700	8.7	44	13.2
CAUSE OF DEATH																
Shigellosis & amebiasis (004, 006)																
Certain other intestinal infections (007-009)																
Tuberculosis, all forms (010-018)									1	1.2	1	1.2				
Whooping cough (033)																
Streptococcal sore throat, scarlatina & erysipelas (034-035)																
Meningococcal infection (036)									1	1.2	1	1.2				
Septicemia (038)					3	9.6	3	10.0	1	1.2	1	1.2				
Acute poliomyelitis (045)																
Viral encephalitis (049.8-049.9, 062-064)																
Measles (055)																
Viral hepatitis (070)																
Rocky Mtn. spotted fever (082.0)																
Syphilis (090-097)																
All other infectious & parasitic diseases (remainder of 001-139)									2	2.4	2	2.5				
Malignant neoplasms (140-208)	6	133.3	6		73	233.2	71	237.6	2		136	163.1	124	154.9	12	
Lip, oral cavity & pharynx (140-149)					1	3.2	1	3.3			3	3.6	3	3.7		
Digestive organs & peritoneum (150-159)					19	60.7	18	60.2	1		34	40.8	31	38.7	3	
Respiratory & intrathoracic organs (160-165)	1	22.2	1		21	67.1	21	70.3			33	39.6	29	36.2	4	
Breast (174-175)					5	16.0	5	16.7			10	12.0	10	12.5		
Female genital organs (179-184)	2	44.4	2		6	19.2	6	20.1			13	15.6	12	15.0	1	
Male genital organs (185-187)	2	44.4	2		2	6.4	2	6.7			7	8.4	5	6.2	2	
Urinary organs (188-189)					4	12.8	4	13.4			7	8.4	7	8.7		
Other & unsp. sites (170-173, 190-199)	1	22.2	1		12	38.3	11	36.8	1		22	26.4	22	27.5		
Leukemia (204-208)											1	1.2			1	
Other lymphatic & hematopoietic tissue (200-203)					3	9.6	3	10.0			6	7.2	5	6.2	1	
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)											2	2.4	2	2.5		
Diabetes mellitus (250)					3	9.6	3	10.0			9	10.8	6	7.5	3	
Nutritional deficiencies (260-269)					1	3.2	1	3.3								
Anemias (280-285)											1	1.2	1	1.2		
Meningitis (320-322)																
Diseases of heart (390-398, 402, 404-429)	17	377.8	17		129	412.1	119	398.2	10		260	311.8	247	308.5	13	
Rheumatic fever & rheumatic heart disease (390-398)											2	2.4	2	2.5		
Hypertensive heart disease (402)	1	22.2	1		2	6.4	1	3.3	1		9	10.8	8	10.0	1	
Hypertensive heart & renal disease (404)					1	3.2	1	3.3			2	2.4	1	1.2	1	
Ischemic heart disease (410-414)	13	288.9	13		95	303.5	89	297.8	6		185	221.8	176	219.8	9	
All other forms of heart disease (415-429)	3	66.7	3		31	99.0	28	93.7	3		62	74.3	60	74.9	2	
Hypertension, with or without renal disease (401, 403)					1	3.2	1	3.3			1	1.2	1	1.2		
Cerebrovascular disease (430-438)	7	155.6	7		25	79.9	24	80.3	1		64	76.7	62	77.4	2	
Atherosclerosis (440)	1	22.2	1		5	16.0	4	13.4	1		11	13.2	11	13.7		
Other diseases of arteries, arterioles and capillaries (441-448)					1	3.2	1	3.3			12	14.4	12	15.0		
Acute bronchitis & bronchiolitis (466)																
Pneumonia (480-486)					7	22.4	7	23.4			27	32.4	26	32.5	1	
Influenza (487)																
Bronchitis, chronic & unsp. (490-491)											2	2.4	1	1.2	1	
Emphysema (492)	1	22.2	1		1	3.2	1	3.3			4	4.8	4	5.0		
Asthma (493)					1	3.2	1	3.3			1	1.2	1	1.2		
Other chronic obstructive pulmonary disease & allied conditions (494-496)	3	66.7	3		3	9.6	3	10.0			16	19.2	15	18.7	1	
Ulcer of stomach & duodenum (531-533)											2	2.4	2	2.5		
Appendicitis (540-543)																
Hernia & intestinal obstruction (550-553, 560)											2	2.4	2	2.5		
Chronic liver disease & cirrhosis (571)					4	12.8	4	13.4			13	15.6	10	12.5	3	
Cholelithiasis & other disorders of gallbladder (574-575)	1	22.2	1								1	1.2	1	1.2		
Acute glomerulonephritis & nephrotic syndrome (580-581)											1	1.2	1	1.2		
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)					2	6.4	2	6.7								
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)					2	6.4	2	6.7			11	13.2	11	13.7		
Infections of kidney (590)					1	3.2	1	3.3			3	3.6	3	3.7		
Hyperplasia of prostate (600)											1	1.2	1	1.2		
Complications of pregnancy, childbirth & the puerperium (630-676)																
Congenital anomalies (740-759)											5	6.0	4	5.0	1	
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)											3	3.6	3	3.7		
Other conditions originating in the perinatal period (760-766, 770-779)					2	6.4	2	6.7			8	9.6	7	8.7	1	
Symptoms, signs & ill-defined conditions (780-799)					4	12.8	3	10.0	1		36	43.2	32	40.0	4	
All other diseases	1	22.2	1		18	57.5	16	53.5	2		47	56.4	45	56.2	2	
Motor vehicle accidents (E810-E825)	2	44.4	2		8	25.6	8	26.8			33	39.6	33	41.2		
All other accidents & adverse effects (E800-E807, E826-E949)					7	22.4	6	20.1	1		13	15.6	13	16.2		
Suicide (E950-E959)					4	12.8	4	13.4			9	10.8	9	11.2		
Homicide & legal intervention (E960-E978)	1	22.2	1		4	12.8	4	13.4			3	3.6	3	3.7		
All other external causes (E980-E999)					1	3.2	1	3.3			2	2.4	2	2.5		

	WAYNE			
Estimated Population, July 1, 1979	NONWHITE 228			
	No.	Rate		
LIVE BIRTHS	8	35.1		
ILLEGITIMATE BIRTHS	6			
LOW-WEIGHT BIRTHS (Less than 2500 grams)	1			
INFANT DEATHS (Under one year of age)				
Neonatal Deaths (Under 28 days of age)				
Under 7 days of age				
7-27 days of age				
MATERNAL DEATHS (ICD codes 630-676)				
FETAL DEATHS				
INDUCED TERMINATIONS OF PREGNANCY	2			
TOTAL DEATHS	3	13.2		
CAUSE OF DEATH				
Shigellosis & amebiasis (004, 006)				
Certain other intestinal infections (007-009)				
Tuberculosis, all forms (010-018)				
Whooping cough (033)				
Streptococcal sore throat, scarlatina & erysipelas (034-035)				
Meningococcal infection (036)				
Septicemia (038)				
Acute poliomyelitis (045)				
Viral encephalitis (049.8-049.9, 062-064)				
Measles (055)				
Viral hepatitis (070)				
Rocky Mtn. spotted fever (082.0)				
Syphilis (090-097)				
All other infectious & parasitic diseases (remainder of 001-139)				
Malignant neoplasms (140-208)				
Lip, oral cavity & pharynx (140-149)				
Digestive organs & peritoneum (150-159)				
Respiratory & intrathoracic organs (160-165)				
Breast (174-175)				
Female genital organs (179-184)				
Male genital organs (185-187)				
Urinary organs (188-189)				
Other & unsp. sites (170-173, 190-199)				
Leukemia (204-208)				
Other lymphatic & hematopoietic tissue (200-203)				
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)				
Diabetes mellitus (250)				
Nutritional deficiencies (260-269)				
Anemias (280-285)				
Meningitis (320-322)				
Diseases of heart (390-398, 402, 404-429)	2			
Rheumatic fever & rheumatic heart disease (390-398)				
Hypertensive heart disease (402)				
Hypertensive heart & renal disease (404)				
Ischemic heart disease (410-414)	1			
All other forms of heart disease (415-429)				
Hypertension, with or without renal disease (401, 403)				
Cerebrovascular disease (430-438)				
Atherosclerosis (440)	1			
Other diseases of arteries, arterioles and capillaries (441-448)				
Acute bronchitis & bronchiolitis (466)				
Pneumonia (480-486)				
Influenza (487)				
Bronchitis, chronic & unsp. (490-491)				
Emphysema (492)				
Asthma (493)				
Other chronic obstructive pulmonary disease & allied conditions (494-496)				
Ulcer of stomach & duodenum (531-533)				
Appendicitis (540-543)				
Hernia & intestinal obstruction (550-553, 560)				
Chronic liver disease & cirrhosis (571)				
Cholelithiasis & other disorders of gallbladder (574-575)				
Acute glomerulonephritis & nephrotic syndrome (580-581)				
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)				
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)				
Infections of kidney (590)				
Hyperplasia of prostate (600)				
Complications of pregnancy, childbirth & the puerperium (630-676)				
Congenital anomalies (740-759)				
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)				
Other conditions originating in the perinatal period (760-766, 770-779)				
Symptoms, signs & ill-defined conditions (780-799)				
All other diseases				
Motor vehicle accidents (E810-E825)				
All other accidents & adverse effects (E800-E807, E826-E949)				
Suicide (E950-E959)				
Homicide & legal intervention (E960-E978)				
All other external causes (E980-E999)				

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VI (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1979

	WEAKLEY			WHITE			WILLIAMSON			WILSON		
Estimated Population, July 1, 1979	TOTAL 31,100	WHITE 29,152	NONWHITE 1,948	TOTAL 19,506	WHITE 19,048	NONWHITE 452	TOTAL 52,400	WHITE 45,026	NONWHITE 7,374	TOTAL 51,400	WHITE 45,599	NONWHITE 5,801
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	406 13.1	377 12.9	29 14.9	277 14.2	269 14.1	8 17.7	785 15.0	679 15.1	106 14.4	807 15.7	713 15.6	94 16.2
ILLEGITIMATE BIRTHS	34 8.4	18 4.8	16 55.2	25 9.0	21 7.8	4	104 13.2	46 6.8	58 54.7	91 11.3	52 7.3	39 41.5
LOW-WEIGHT BIRTHS (Less than 2500 grams)	27 6.7	23 6.1	4 13.8	15 5.4	15 5.6		48 6.1	40 5.9	8 7.5	57 7.1	48 6.7	9 9.6
INFANT DEATHS (Under one year of age)	3 7.4	2 5.3	1 34.5	6 21.7	6 22.3		9 11.5	8 11.8	1 9.4	9 11.2	5 7.0	4 42.6
Neonatal Deaths (Under 28 days of age)	3 7.4	2 5.3	1 34.5	2 7.2	2 7.4		6 7.6	6 8.8		5 6.2	3 4.2	2 21.3
Under 7 days of age	3	2	1	2	2		6	6		4	2	2
7-27 days of age										1	1	
MATERNAL DEATHS (ICD codes 630-676)												
FETAL DEATHS	5 12.3	4 10.6	1 34.5	3 10.8	3 11.2		5 6.4	3 4.4	2 18.9	4 5.0	3 4.2	1 10.6
INDUCED TERMINATIONS OF PREGNANCY	95 234.0	80 212.2	15 517.2	32 115.5	30 111.5	2	157 200.0	126 185.6	31 292.5	137 169.8	116 162.7	21 223.4
TOTAL DEATHS	343 11.0	319 10.9	24 12.3	184 9.4	179 9.4	5 11.1	350 6.7	295 6.6	55 7.5	371 7.2	321 7.0	50 8.6
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)										1 1.9	1 2.2	
Tuberculosis, all forms (010-018)							1 1.9	1 2.2				
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)												
Septicemia (038)				1 5.1	1 5.2							
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)												
Measles (055)												
Viral hepatitis (070)												
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)												
All other infectious & parasitic diseases (remainder of 001-139)							1 1.9	1 2.2				
Malignant neoplasms (140-208)	61 196.1	57 195.5	4	31 159.0	31 162.7		80 152.7	69 153.2	11 149.2	77 149.8	64 140.4	13 224.1
Lip, oral cavity & pharynx (140-149)												
Digestive organs & peritoneum (150-159)	16 51.4	15 51.5	1	7 35.9	7 36.7		16 30.5	14 31.1	2 27.1	20 38.9	20 43.9	
Respiratory & intrathoracic organs (160-165)	16 51.4	14 48.0	2	9 46.2	9 47.2		30 57.3	25 55.5	5 67.8	23 44.7	19 41.7	4 69.0
Breast (174-175)	4 12.9	4 13.7		1 5.1	1 5.2		3 5.7	3 6.7		3 5.8	3 6.6	
Female genital organs (179-184)	1 3.2	1 3.4		2 10.3	2 10.5		5 9.5	5 11.1		9 17.5	6 13.2	3 51.7
Male genital organs (185-187)	5 16.1	5 17.2		3 15.4	3 15.7		1 1.9		1 13.6	3 5.8	2 4.4	1 17.2
Urinary organs (188-189)	3 9.6	3 10.3					7 13.4	5 11.1	2 27.1	4 7.8	3 6.6	1 17.2
Other & unsp. sites (170-173, 190-199)	9 28.9	8 27.4	1	6 30.8	6 31.5		9 17.2	9 20.0		8 15.6	5 11.0	3 51.7
Leukemia (204-208)	3 9.6	3 10.3		2 10.3	2 10.5		3 5.7	2 4.4	1 13.6	3 5.8	3 6.6	
Other lymphatic & hematopoietic tissue (200-203)	4 12.9	4 13.7		1 5.1	1 5.2		6 11.5	6 13.3		4 7.8	3 6.6	1 17.2
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)							2 3.8	1 2.2	1 13.6	1 1.9	1 2.2	
Diabetes mellitus (250)	7 22.5	5 17.2	2	4 20.5	4 21.0		5 9.5	5 11.1		3 5.8	3 6.6	
Nutritional deficiencies (260-269)	2 6.4	2 6.9		1 5.1	1 5.2							
Anemias (280-285)				1 5.1	1 5.2							
Meningitis (320-322)							1 1.9	1 2.2				
Diseases of heart (390-398, 402, 404-429)	121 389.1	115 394.5	6	72 369.2	68 357.0	4	119 227.1	105 233.2	14 189.9	139 270.4	122 267.5	17 293.1
Rheumatic fever & rheumatic heart disease (390-398)	1 3.2	1 3.4										
Hypertensive heart disease (402)	3 9.6	2 6.9	1	2 10.3	2 10.5		1 1.9	1 2.2		1 1.9		1 17.2
Hypertensive heart & renal disease (404)	1 3.2	1 3.4		1 5.1	1 5.2							
Ischemic heart disease (410-414)	102 328.0	98 336.2	4	59 302.6	56 294.0	3	106 202.3	92 204.3	14 189.9	94 182.9	83 182.0	11 189.6
All other forms of heart disease (415-429)	14 45.0	13 44.6	1	10 51.3	9 47.2	1	12 22.9	12 26.7		44 85.6	39 85.5	5 86.2
Hypertension, with or without renal disease (401, 403)												
Cerebrovascular disease (430-438)	57 183.3	57 195.5		34 174.4	33 173.2	1	50 95.4	40 88.8	10 135.6	51 99.2	46 100.9	5 86.2
Atherosclerosis (440)	16 51.4	16 54.9		5 25.6	5 26.2		3 5.7	2 4.4	1 13.6	5 9.7	5 11.0	
Other diseases of arteries, arterioles and capillaries (441-448)	5 16.1	5 17.2		3 15.4	3 15.7		5 9.5	4 8.9	1 13.6	2 3.9	2 4.4	
Acute bronchitis & bronchiolitis (466)												
Pneumonia (480-486)	7 22.5	7 24.0		2 10.3	2 10.5					7 13.6	6 13.2	1 17.2
Influenza (487)				1 5.1	1 5.2							
Bronchitis, chronic & unsp. (490-491)	1 3.2	1 3.4										
Emphysema (492)	1 3.2	1 3.4		2 10.3	2 10.5		1 1.9	1 2.2				
Asthma (493)							1 1.9	1 2.2		1 1.9	1 2.2	
Other chronic obstructive pulmonary disease & allied conditions (494-496)	13 41.8	12 41.2	1	1 5.1	1 5.2		2 3.8	2 4.4		6 11.7	5 11.0	1 17.2
Ulcer of stomach & duodenum (531-533)	2 6.4	2 6.9					1 1.9	1 2.2				
Appendicitis (540-543)												
Hernia & intestinal obstruction (550-553, 560)	1 3.2	1 3.4					2 3.8	1 2.2	1 13.6			
Chronic liver disease & cirrhosis (571)	1 3.2	1 3.4		1 5.1	1 5.2		3 5.7	2 4.4	1 13.6	3 5.8	2 4.4	1 17.2
Cholelithiasis & other disorders of gallbladder (574-575)	1 3.2	1 3.4		1 5.1	1 5.2					1 1.9	1 2.2	
Acute glomerulonephritis & nephrotic syndrome (580-581)												
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	1 3.2	1 3.4										
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)							2 3.8	2 4.4		4 7.8	2 4.4	2 34.5
Infections of kidney (590)	3 9.6	2 6.9	1									
Hyperplasia of prostate (600)							1 1.9		1 13.6	1 1.9	1 2.2	
Complications of pregnancy, childbirth & the puerperium (630-676)												
Congenital anomalies (740-759)				1 5.1	1 5.2		4 7.6	4 8.9		1 1.9	1 2.2	
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	2 6.4	2 6.9					2 3.8	2 4.4		2 3.9	2 4.4	
Other conditions originating in the perinatal period (760-766, 770-779)	1 3.2		1	1 5.1	1 5.2		3 5.7	3 6.7		3 5.8	1 2.2	2 34.5
Symptoms, signs & ill-defined conditions (780-799)	9 28.9	6 20.6	3	3 15.4	3 15.7		1 1.9		1 13.6	3 5.8	2 4.4	1 17.2
All other diseases	10 32.2	6 20.6	4	7 35.9	7 36.7		16 30.5	13 28.9	3 40.7	23 44.7	20 43.9	3 51.7
Motor vehicle accidents (E810-E825)	11 35.4	10 34.3	1	3 15.4	3 15.7		16 30.5	14 31.1	2 27.1	7 13.6	7 15.4	
All other accidents & adverse effects (E800-E807, E826-E949)	4 12.9	4 13.7		2 10.3	2 10.5		14 26.7	11 24.4	3 40.7	12 23.3	9 19.7	3 51.7
Suicide (E950-E959)	4 12.9	4 13.7		2 10.3	2 10.5		9 17.2	8 17.8	1 13.6	17 33.1	16 35.1	1 17.2
Homicide & legal intervention (E960-E978)	1 3.2	1 3.4		3 15.4	3 15.7		5 9.5	1 2.2	4 54.2	1 1.9	1 2.2	
All other external causes (E980-E999)	1 3.2		1	2 10.3	2 10.5							

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VII—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1979

Estimated Population, July 1, 1979	ATHENS			BRISTOL			CHATTANOOGA			CLARKSVILLE		
	TOTAL 12,399	WHITE 11,422	NONWHITE 977	TOTAL 27,360	WHITE 26,412	NONWHITE 948	TOTAL 164,408	WHITE 119,024	NONWHITE 45,384	TOTAL 55,866	WHITE 44,840	NONWHITE 11,026
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	171 13.8	152 13.3	19 19.4	288 10.5	276 10.4	12 12.7	2,919 17.8	1,787 15.0	1,132 24.9	1,099 19.7	798 17.8	301 27.3
ILLEGITIMATE BIRTHS	16 9.4	14 9.2	2 10.5	31 10.8	27 9.8	4 33.3	819 28.1	162 9.1	657 58.0	152 13.8	55 6.9	97 32.2
LOW-WEIGHT BIRTHS (Less than 2500 grams)	12 7.0	11 7.2	1 5.3	20 6.9	17 6.2	3 25.0	255 8.7	112 6.3	143 12.6	64 5.8	42 5.3	22 7.3
INFANT DEATHS (Under one year of age)	2 11.7	2 13.2					35 12.0	16 9.0	19 16.8	17 15.5	11 13.8	6 19.9
Neonatal Deaths (Under 28 days of age)	2 11.7	2 13.2					21 7.2	10 5.6	11 9.7	12 10.9	9 11.3	3 10.0
Under 7 days of age	2	2					17	8	9	11	8	3
7-27 days of age							4	2	2	1	1	
MATERNAL DEATHS (ICD codes 630-676)							2 6.9		2 17.7			
FETAL DEATHS	2 11.7	2 13.2		3 10.4	2 7.2		24 8.2	14 7.8	10 8.8	9 8.2	5 6.3	4 13.3
INDUCED TERMINATIONS OF PREGNANCY	45 263.2	41 269.7	4 210.5	111 385.4	109 394.9	2 166.7	762 261.0	489 273.6	271 239.4	262 238.4	185 231.8	77 255.8
TOTAL DEATHS	103 8.3	90 7.9	13 13.3	229 8.4	223 8.4	6 6.3	1,746 10.6	1,188 10.0	558 12.3	320 5.7	248 5.5	72 6.5
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)												
Tuberculosis, all forms (010-018)							6 3.6	3 2.5	3 6.6	1 1.8	1 2.2	
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)												
Septicemia (038)				1 3.7	1 3.8		5 3.0	1 0.8	4 8.8	2 3.6	1 2.2	1 9.1
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)												
Measles (055)												
Viral hepatitis (070)												
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)							1 0.6		1 2.2			
All other infectious & parasitic diseases (remainder of 001-139)				1 3.7	1 3.8		7 4.3	5 4.2	2 4.4	1 1.8		1 9.1
Malignant neoplasms (140-208)	24 193.6	20 175.1	4	51 186.4	51 193.1		355 215.9	246 206.7	109 240.2	65 116.3	50 111.5	15 136.0
Lip, oral cavity & pharynx (140-149)	1 8.1	1 8.8					7 4.3	6 5.0	1 2.2			
Digestive organs & peritoneum (150-159)	4 32.3	3 26.3	1	14 51.2	14 53.0		94 57.2	63 52.9	31 68.3	24 43.0	21 46.8	3 27.2
Respiratory & intrathoracic organs (160-165)	11 88.7	9 78.8	2	17 62.1	17 64.4		93 56.6	59 49.6	34 74.9	17 30.4	11 24.5	6 54.4
Breast (174-175)				1 3.7	1 3.8		30 18.2	22 18.5	8 17.6	6 10.7	3 6.7	3 27.2
Female genital organs (179-184)				5 18.3	5 18.9		36 21.9	24 20.2	12 26.4	1 1.8	1 2.2	
Male genital organs (185-187)	2 16.1	2 17.5		1 3.7	1 3.8		22 13.4	14 11.8	8 17.6	2 3.6	2 4.5	
Urinary organs (188-189)	1 8.1	1 8.8		4 14.6	4 15.1		14 8.5	11 9.2	3 6.6	2 3.6	2 4.5	
Other & unsp. sites (170-173, 190-199)	2 16.1	2 17.5		5 18.3	5 18.9		29 17.6	22 18.5	7 15.4	6 10.7	6 13.4	
Leukemia (204-208)	1 8.1	1 8.8		2 7.3	2 7.6		9 5.5	7 5.9	2 4.4	4 7.2	2 4.5	2 18.1
Other lymphatic & hematopoietic tissue (200-203)	2 16.1	1 8.8	1	2 7.3	2 7.6		21 12.8	18 15.1	3 6.6	3 5.4	2 4.5	1 9.1
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)							2 1.2	1 0.8	1 2.2			
Diabetes mellitus (250)	1 8.1	1 8.8		4 14.6	4 15.1		33 20.1	22 18.5	11 24.2	6 10.7	4 8.9	2 18.1
Nutritional deficiencies (260-269)	1 8.1	1 8.8										
Anemias (280-285)				1 3.7	1 3.8		4 2.4	3 2.5	1 2.2			
Meningitis (320-322)							2 1.2	1 0.8	1 2.2	1 1.8		1 9.1
Diseases of heart (390-398, 402, 404-429)	34 274.2	29 253.9	5	97 354.5	95 359.7	2	668 406.3	464 389.8	204 449.5	106 189.7	83 185.1	23 208.6
Rheumatic fever & rheumatic heart disease (390-398)				1 3.7	1 3.8		6 3.6	5 4.2	1 2.2	1 1.8	1 2.2	
Hypertensive heart disease (402)				5 18.3	4 15.1	1	17 10.3	11 9.2	6 13.2	4 7.2	1 2.2	3 27.2
Hypertensive heart & renal disease (404)							3 1.8	3 2.5				
Ischemic heart disease (410-414)	23 185.5	21 183.9	2	85 310.7	84 318.0	1	559 340.0	386 324.3	173 381.2	73 130.7	57 127.1	16 145.1
All other forms of heart disease (415-429)	11 88.7	8 70.0	3	6 21.9	6 22.7		83 50.5	59 49.6	24 52.9	28 50.1	24 53.5	4 36.3
Hypertension, with or without renal disease (401, 403)	1 8.1	1 8.8					8 4.9	5 4.2	3 6.6	1 1.8	1 2.2	
Cerebrovascular disease (430-438)	13 104.8	12 105.1	1	26 95.0	24 90.9	2	196 119.2	133 111.7	63 138.8	28 50.1	20 44.6	8 72.6
Atherosclerosis (440)	4 32.3	4 35.0		6 21.9	6 22.7		21 12.8	18 15.1	3 6.6	5 8.9	5 11.2	
Other diseases of arteries, arterioles and capillaries (441-448)				2 7.3	2 7.6		12 7.3	10 8.4	2 4.4	7 12.5	7 15.6	
Acute bronchitis & bronchiolitis (466)							2 1.2	2 1.7				
Pneumonia (480-486)	3 24.2	3 26.3		7 25.6	7 26.5		47 28.6	33 27.7	14 30.8	5 8.9	4 8.9	1 9.1
Influenza (487)							1 0.6	1 0.8				
Bronchitis, chronic & unsp. (490-491)							6 3.6	3 2.5	3 6.6			
Emphysema (492)							7 4.3	7 5.9		5 8.9	4 8.9	1 9.1
Asthma (493)							2 1.2	1 0.8	1 2.2	1 1.8		1 9.1
Other chronic obstructive pulmonary disease & allied conditions (494-496)	1 8.1	1 8.8		4 14.6	3 11.4	1	28 17.0	20 16.8	8 17.6	3 5.4		3 27.2
Ulcer of stomach & duodenum (531-533)	3 24.2	3 26.3					5 3.0	1 0.8	4 8.8	3 5.4	3 6.7	
Appendicitis (540-543)												
Hernia & intestinal obstruction (550-553, 560)							6 3.6	3 2.5	3 6.6	3 5.4	3 6.7	
Chronic liver disease & cirrhosis (571)	2 16.1	1 8.8	1	4 14.6	4 15.1		30 18.2	19 16.0	11 24.2	5 8.9	5 11.2	
Cholelithiasis & other disorders of gallbladder (574-575)							6 3.6	5 4.2	1 2.2	1 1.8	1 2.2	
Acute glomerulonephritis & nephrotic syndrome (580-581)												
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)							7 4.3	1 0.8	6 13.2			
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	1 8.1	1 8.8					9 5.5	4 3.4	5 11.0	1 1.8		1 9.1
Infections of kidney (590)							2 1.2	1 0.8	1 2.2			
Hyperplasia of prostate (600)							1 0.6	1 0.8				
Complications of pregnancy, childbirth & the puerperium (630-676)							2 6.9		2 17.7			
Congenital anomalies (740-759)							7 4.3	5 4.2	2 4.4	1 1.8	1 2.2	
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)							4 2.4	2 1.7	2 4.4	3 5.4	3 6.7	
Other conditions originating in the perinatal period (760-766, 770-779)	1 8.1	1 8.8					14 8.5	5 4.2	9 19.8	8 14.3	5 11.2	3 27.2
Symptoms, signs & ill-defined conditions (780-799)	1 8.1	1 8.8					12 7.3	8 6.7	4 8.8	10 17.9	6 13.4	4 36.3
All other diseases	4 32.3	4 35.0		10 36.5	10 37.9		79 48.1	53 44.5	26 57.3	18 32.2	13 29.0	5 45.3
Motor vehicle accidents (E810-E825)	3 24.2	3 26.3		6 21.9	6 22.7		42 25.5	33 27.7	9 19.8	12 21.5	12 26.8	
All other accidents & adverse effects (E800-E807, E826-E949)	2 16.1	2 17.5		5 18.3	5 18.9		47 28.6	33 27.7	14 30.8	6 10.7	6 13.4	
Suicide (E950-E959)	1 8.1	1 8.8		3 11.0	2 7.6	1	20 12.2	17 14.3	3 6.6	6 10.7	6 13.4	
Homicide & legal intervention (E960-E978)	3 24.2	1 8.8	2				34 20.7	14 11.8	20 44.1	6 10.7	4 8.9	2 18.1
All other external causes (E980-E999)				1 3.7	1 3.8		6 3.6	4 3.4	2 4.4			

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VII (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1979

	CLEVELAND			COLUMBIA			COOKEVILLE			DYERSBURG		
Estimated Population, July 1, 1979	TOTAL 31,305	WHITE 29,262	NONWHITE 2,043	TOTAL 23,258	WHITE 18,100	NONWHITE 5,158	TOTAL 19,057	WHITE 18,627	NONWHITE 430	TOTAL 15,628	WHITE 12,733	NONWHITE 2,895
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	448 14.3	412 14.1	36 17.6	371 16.0	259 14.3	112 21.7	226 11.9	210 11.3	16 37.2	237 15.2	174 13.7	63 21.8
ILLEGITIMATE BIRTHS	55 12.3	39 9.5	16 44.4	109 29.4	40 15.4	69 61.6	19 8.4	19 9.0		67 28.3	17 9.8	50 79.4
LOW-WEIGHT BIRTHS (Less than 2500 grams)	30 6.7	26 6.3	4 11.1	28 7.5	18 6.9	10 8.9	10 4.4	10 4.8		27 11.4	18 10.3	9 14.3
INFANT DEATHS (Under one year of age)	7 15.6	6 14.6	1 27.8	3 8.1	1 3.9	2 17.9	2 8.8	2 9.5		4 16.9	3 17.2	1 15.9
Neonatal Deaths (Under 28 days of age)	2 4.5	2 4.9		2 5.4	1 3.9	1 8.9	2 8.8	2 9.5		3 12.7	2 11.5	1 15.9
Under 7 days of age	2	2		2	1	1	2	2		3	2	1
7-27 days of age												
MATERNAL DEATHS (ICD codes 630-676)												
FETAL DEATHS	7 15.6	7 17.0		6 16.2	1 3.9	5 44.6	1 4.4	1 4.8		3 12.7		3 47.6
INDUCED TERMINATIONS OF PREGNANCY	121 270.1	113 274.3	8 222.2	115 310.0	81 312.7	33 294.6	116 513.3	112 533.3	4 250.0	56 236.1	43 247.1	13 206.3
TOTAL DEATHS	240 7.7	229 7.8	11 5.4	254 10.9	186 10.3	68 13.2	141 7.4	140 7.5	1 2.3	176 11.3	138 10.8	38 13.1
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)												
Tuberculosis, all forms (010-018)	1 3.2		1				1 5.2	1 5.4				
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)												
Septicemia (038)	1 3.2	1 3.4		1 4.3		1 19.4				1 6.4	1 7.9	
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)												
Measles (055)												
Viral hepatitis (070)												
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)												
All other infectious & parasitic diseases (remainder of 001-139)												
Malignant neoplasms (140-208)	49 156.5	47 160.6	2	54 232.2	44 243.1	10 193.9	25 131.2	25 134.2		35 224.0	25 196.1	10
Lip, oral cavity & pharynx (140-149)	1 3.2	1 3.4		1 4.3		1 19.4						
Digestive organs & peritoneum (150-159)	9 28.7	9 30.8		13 55.9	10 55.2	3 58.2	8 42.0	8 42.9		7 44.8	4 31.4	3
Respiratory & intrathoracic organs (160-165)	18 57.5	18 61.5		14 60.2	12 66.3	2 38.8	6 31.5	6 32.2		12 76.8	10 78.5	2
Breast (174-175)	3 9.6	3 10.3		4 17.2	3 16.6	1 19.4	5 26.2	5 26.8		4 25.6	2 15.7	2
Female genital organs (179-184)	4 12.8	3 10.3	1	2 8.6	1 5.5	1 19.4	3 15.7	3 16.1		1 6.4	1 7.9	
Male genital organs (185-187)	1 3.2	1 3.4		1 4.3	1 5.5		1 5.2	1 5.4		1 6.4	1 7.9	
Urinary organs (188-189)	2 6.4	2 6.8		2 8.6	1 5.5	1 19.4				2 12.8	1 7.9	1
Other & unsp. sites (170-173, 190-199)	5 16.0	4 13.7	1	14 60.2	14 77.3		1 5.2	1 5.4		6 38.4	3 19.3	1
Leukemia (204-208)	5 16.0	5 17.1		1 4.3		1 19.4	1 5.2	1 5.4				
Other lymphatic & hematopoietic tissue (200-203)	1 3.2	1 3.4		2 8.6	2 11.0					2 12.8	1 7.9	1
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	2 6.4	2 6.8		1 4.3	1 5.5		2 10.5	2 10.7				
Diabetes mellitus (250)	2 6.4	2 6.8		2 8.6	1 5.5	1 19.4	4 21.0	4 21.5				
Nutritional deficiencies (260-269)												
Anemias (280-285)												
Meningitis (320-322)												
Diseases of heart (390-398, 402, 404-429)	85 271.5	80 273.4	5	92 395.6	68 375.7	24 465.3	53 278.1	53 284.5		42 268.7	32 251.3	10
Rheumatic fever & rheumatic heart disease (390-398)							1 5.2	1 5.4		1 6.4	1 7.9	
Hypertensive heart disease (402)	2 6.4	1 3.4	1	6 25.8	4 22.1	2 38.8	1 5.2	1 5.4		4 25.6	1 7.9	3
Hypertensive heart & renal disease (404)	1 3.2	1 3.4										
Ischemic heart disease (410-414)	73 233.2	69 235.8	4	68 292.4	55 303.9	13 252.0	45 236.1	45 241.6		27 172.8	21 164.9	6
All other forms of heart disease (415-429)	9 28.7	9 30.8		18 77.4	9 49.7	9 174.5	6 31.5	6 32.2		10 64.0	9 70.7	1
Hypertension, with or without renal disease (401, 403)				1 4.3	1 5.5					1 6.4		1
Cerebrovascular disease (430-438)	33 105.4	31 105.9	2	30 129.0	19 105.0	11 213.3	18 94.5	18 96.6		26 166.4	21 164.9	5
Atherosclerosis (440)	4 12.8	4 13.7		3 12.9	2 11.0	1 19.4	4 21.0	4 21.5				
Other diseases of arteries, arterioles and capillaries (441-448)							3 15.7	3 16.1		1 6.4	1 7.9	
Acute bronchitis & bronchiolitis (466)												
Pneumonia (480-486)	2 6.4	2 6.8		10 43.0	9 49.7	1 19.4	2 10.5	2 10.7		9 57.6	7 55.0	2
Influenza (487)										1 6.4	1 7.9	
Bronchitis, chronic & unsp. (490-491)												
Emphysema (492)	4 12.8	4 13.7		1 4.3		1 19.4	2 10.5	2 10.7				
Asthma (493)												
Other chronic obstructive pulmonary disease & allied conditions (494-496)	3 9.6	3 10.3		3 12.9	2 11.0	1 19.4	1 5.2	1 5.4		6 38.4	6 47.1	
Ulcer of stomach & duodenum (531-533)				2 8.6	1 5.5	1 19.4	1 5.2	1 5.4		2 12.8	2 15.7	
Appendicitis (540-543)												
Hernia & intestinal obstruction (550-553, 560)							1 5.2	1 5.4				
Chronic liver disease & cirrhosis (571)	3 9.6	3 10.3		6 25.8	5 27.6	1 19.4				3 19.2	3 23.6	
Cholelithiasis & other disorders of gallbladder (574-575)										2 12.8	2 15.7	
Acute glomerulonephritis & nephrotic syndrome (580-581)												
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)							1 5.2	1 5.4		1 6.4		1
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	2 6.4	2 6.8		2 8.6	1 5.5	1 19.4				1 6.4	1 7.9	
Infections of kidney (590)	1 3.2	1 3.4		1 4.3	1 5.5							
Hyperplasia of prostate (600)				1 4.3	1 5.5							
Complications of pregnancy, childbirth & the puerperium (630-676)												
Congenital anomalies (740-759)	1 3.2	1 3.4		2 8.6	2 11.0					2 12.8	1 7.9	1
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	1 3.2	1 3.4					1 5.2	1 5.4				
Other conditions originating in the perinatal period (760-766, 770-779)	1 3.2	1 3.4					1 5.2	1 5.4		2 12.8	2 15.7	
Symptoms, signs & ill-defined conditions (780-799)	7 22.4	6 20.5	1	6 25.8	3 16.6	3 58.2	3 15.7	3 16.1		12 76.8	8 62.8	4
All other diseases	11 35.1	11 37.6		12 51.6	6 33.1	6 116.3	5 26.2	5 26.8		17 108.8	13 102.1	4
Motor vehicle accidents (E810-E825)	6 19.2	6 20.5		8 34.4	8 44.2		5 26.2	4 21.5	1	3 19.2	3 23.6	
All other accidents & adverse effects (E800-E807, E826-E949)	12 38.3	12 41.0		7 30.1	5 27.6	2 38.8	5 26.2	5 26.8		7 44.8	7 55.0	
Suicide (E950-E959)	5 16.0	5 17.1		4 17.2	4 22.1		2 10.5	2 10.7		2 12.8	2 15.7	
Homicide & legal intervention (E960-E978)	2 6.4	2 6.8		5 21.5	2 11.0	3 58.2	1 5.2	1 5.4				
All other external causes (E980-E999)	2 6.4	2 6.8										

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VII (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1979

Estimated Population, July 1, 1979	EAST RIDGE						ELIZABETHTON						GALLATIN						GREENEVILLE					
	TOTAL 22,989		WHITE 22,931		NONWHITE 58		TOTAL 12,495		WHITE 12,163		NONWHITE 332		TOTAL 15,235		WHITE 12,068		NONWHITE 3,167		TOTAL 14,181		WHITE 13,319		NONWHITE 862	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	97	4.2	95	4.1	2	34.5	124	9.9	117	9.6	7	21.1	351	23.0	253	21.0	98	30.9	158	11.1	140	10.5	18	20.9
ILLEGITIMATE BIRTHS	3	1.1	3	1.2			18	14.5	15	12.8	3		96	24.5	24	9.5	62	63.3	32	20.3	22	15.7	10	55.6
LOW-WEIGHT BIRTHS (Less than 2500 grams)	5	5.2	5	5.3			11	8.9	11	9.4			36	10.3	21	8.3	15	15.3	14	8.9	11	7.9	3	16.7
INFANT DEATHS (Under one year of age)	2	20.6	2	21.1			1	8.1	1	8.5			6	17.1	6	23.7			3	19.0	2	14.3	1	55.6
Neonatal Deaths (Under 28 days of age)	2	20.6	2	21.1									2	5.7	2	7.9			2	12.7	1	7.1	1	55.6
Under 7 days of age	1		1										2		2				2		1		1	
7-27 days of age	1		1																					
MATERNAL DEATHS (ICD codes 630-676)																								
FETAL DEATHS							2	16.1	2	17.1									1	6.3	1	7.1		
INDUCED TERMINATIONS OF PREGNANCY	5	51.5	5	52.6			17	137.1	16	136.8	1		68	193.7	54	213.4	13	132.7	98	620.3	93	664.3	5	277.8
TOTAL DEATHS	165	7.2	165	7.2			143	11.4	139	11.4	4	12.0	144	9.5	118	9.8	26	8.2	129	9.1	115	8.6	14	16.2
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)																								
Certain other intestinal infections (007-009)																								
Tuberculosis, all forms (010-018)																								
Whooping cough (033)																								
Streptococcal sore throat, scarlatina & erysipelas (034-035)																								
Meningococcal infection (036)																								
Septicemia (038)													1	6.6			1							
Acute poliomyelitis (045)																								
Viral encephalitis (049.8-049.9, 062-064)																								
Measles (055)																								
Viral hepatitis (070)																								
Rocky Mtn. spotted fever (082.0)																								
Syphilis (090-097)																								
All other infectious & parasitic diseases (remainder of 001-139)																								
Malignant neoplasms (140-208)	45	195.7	45	196.2			33	264.1	33	271.3			31	203.5	25	207.2	6		29	204.5	27	202.7	2	
Lip, oral cavity & pharynx (140-149)							1	8.0	1	8.2			1	6.6			1							
Digestive organs & peritoneum (150-159)	9	39.1	9	39.2			6	48.0	6	49.3			6	39.4	4	33.1	2		10	70.5	10	75.1		
Respiratory & intrathoracic organs (160-165)	19	82.6	19	82.9			10	80.0	10	82.2			11	72.2	10	82.9	1		9	63.5	8	60.1	1	
Breast (174-175)	2	8.7	2	8.7			2	16.0	2	16.4			4	26.3	3	24.9	1		2	14.1	2	15.0		
Female genital organs (179-184)	3	13.0	3	13.1															3	21.2	3	22.5		
Male genital organs (185-187)	1	4.3	1	4.4			3	24.0	3	24.7			2	13.1	2	16.6			1	7.1	1	7.5		
Urinary organs (188-189)	3	13.0	3	13.1			2	16.0	2	16.4									1	7.1			1	
Other & unsp. sites (170-173, 190-199)	6	26.1	6	26.2			2	16.0	2	16.4			4	26.3	4	33.1			2	14.1	2	15.0		
Leukemia (204-208)	1	4.3	1	4.4			4	32.0	4	32.9			1	6.6	1	8.3			1	7.1	1	7.5		
Other lymphatic & hematopoietic tissue (200-203)	1	4.3	1	4.4			3	24.0	3	24.7			2	13.1	1	8.3	1							
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	2	8.7	2	8.7									1	6.6	1	8.3								
Diabetes mellitus (250)							3	24.0	3	24.7			2	13.1	1	8.3	1		1	7.1	1	7.5		
Nutritional deficiencies (260-269)													1	6.6			1							
Anemias (280-285)																								
Meningitis (320-322)																								
Diseases of heart (390-398, 402, 404-429)	73	317.5	73	318.3			52	416.2	49	402.9	3		48	315.1	45	372.9	3		63	444.3	54	405.4	9	
Rheumatic fever & rheumatic heart disease (390-398)													1	6.6	1	8.3			1	7.1	1	7.5		
Hypertensive heart disease (402)	2	8.7	2	8.7			2	16.0	2	16.4									2	14.1	2	15.0		
Hypertensive heart & renal disease (404)																								
Ischemic heart disease (410-414)	62	269.7	62	270.4			38	304.1	35	287.8	3		31	203.5	29	240.3	2		44	310.3	38	285.3	6	
All other forms of heart disease (415-429)	9	39.1	9	39.2			12	96.0	12	98.7			16	105.0	15	124.3	1		16	112.8	13	97.6	3	
Hypertension, with or without renal disease (401, 403)													2	13.1	1	8.3	1							
Cerebrovascular disease (430-438)	16	69.6	16	69.8			22	176.1	22	180.9			15	98.5	14	116.0	1		6	42.3	6	45.0		
Atherosclerosis (440)	2	8.7	2	8.7			3	24.0	3	24.7			9	59.1	8	66.3	1		3	21.2	3	22.5		
Other diseases of arteries, arterioles and capillaries (441-448)	1	4.3	1	4.4			1	8.0	1	8.2			1	6.6			1		1	7.1	1	7.5		
Acute bronchitis & bronchiolitis (466)																								
Pneumonia (480-486)	2	8.7	2	8.7			7	56.0	7	57.6			7	45.9	7	58.0			2	14.1	2	15.0		
Influenza (487)																								
Bronchitis, chronic & unsp. (490-491)							1	8.0	1	8.2														
Emphysema (492)							1	8.0	1	8.2									2	14.1	2	15.0		
Asthma (493)																								
Other chronic obstructive pulmonary disease & allied conditions (494-496)	1	4.3	1	4.4			3	24.0	3	24.7									1	7.1	1	7.5		
Ulcer of stomach & duodenum (531-533)													1	6.6	1	8.3								
Appendicitis (540-543)																								
Hernia & intestinal obstruction (550-553, 560)	2	8.7	2	8.7																				
Chronic liver disease & cirrhosis (571)	2	8.7	2	8.7															2	14.1	2	15.0		
Cholelithiasis & other disorders of gallbladder (574-575)													1	6.6			1							
Acute glomerulonephritis & nephrotic syndrome (580-581)																								
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)							1	8.0	1	8.2			1	6.6	1	8.3								
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)							1	8.0	1	8.2			2	13.1			2							
Infections of kidney (590)																								
Hyperplasia of prostate (600)																								
Complications of pregnancy, childbirth & the puerperium (630-676)																								
Congenital anomalies (740-759)	2	8.7	2	8.7			1	8.0	1	8.2			1	6.6	1	8.3			1	7.1	1	7.5		
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)																								
Other conditions originating in the perinatal period (760-766, 770-779)	1	4.3	1	4.4									2	13.1	2	16.6			2	14.1	1	7.5	1	
Symptoms, signs & ill-defined conditions (780-799)							1	8.0	1	8.2			2	13.1	1	8.3	1							
All other diseases	10	43.5	10	43.6			6	48.0	5	41.1	1		6	19.4	4	33.1	2		5	35.3	4	30.0	1	
Motor vehicle accidents (E810-E825)	1	4.3	1	4.4			1	8.0	1	8.2			1	6.6			1		4	28.2	4	30.0		
All other accidents & adverse effects (E800-E807, E826-E949)	4	17.4	4	17.4			6	48.0	6	49.3			5	32.8	4	33.1	1		4	28.2	4	30.0		
Suicide (E950-E959)	1	4.3	1	4.4									2	13.1	2	16.6			2	14.1	2	15.0		
Homicide & legal intervention (E960-E978)													2	13.1			2		1	7.1			1	
All other external causes (E980-E999)																								

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VII (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1979

	HUMBOLDT			JACKSON			JOHNSON CITY			KINGSPORT		
Estimated Population, July 1, 1979	TOTAL 9,910	WHITE 6,512	NONWHITE 3,398	TOTAL 48,532	WHITE 32,509	NONWHITE 16,023	TOTAL 40,482	WHITE 37,422	NONWHITE 3,060	TOTAL 33,579	WHITE 31,986	NONWHITE 1,593
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	178 18.0	83 12.7	95 28.0	762 15.7	416 12.8	346 21.6	435 10.7	391 10.4	44 14.4	371 11.0	340 10.6	31 19.5
ILLEGITIMATE BIRTHS	67 37.6	8 9.6	59 62.1	215 28.2	27 6.5	188 54.3	75 17.2	55 14.1	20 45.5	61 16.4	50 14.7	11 35.5
LOW-WEIGHT BIRTHS (Less than 2500 grams)	19 10.7	9 10.8	10 10.5	69 9.1	25 6.0	44 12.7	33 7.6	30 7.7	3 6.8	35 9.4	31 9.1	4 12.9
INFANT DEATHS (Under one year of age)	2 11.2	1 12.0	1 10.5	14 18.4	4 9.6	10 28.9	6 13.8	5 12.8	1 22.7	13 35.0	13 38.2	
Neonatal Deaths (Under 28 days of age)	2 11.2	1 12.0	1 10.5	11 14.4	4 9.6	7 20.2	3 6.9	2 5.1	1 22.7	9 24.3	9 26.5	
Under 7 days of age	2	1	1	10	4	6	3	2	1	6	6	
7-27 days of age				1		1				3	3	
MATERNAL DEATHS (ICD codes 630-676)												
FETAL DEATHS	4 22.5	3 36.1	1 10.5	2 2.6		2 5.8	6 13.8	3 7.7	3 68.2	3 8.1	3 8.8	
INDUCED TERMINATIONS OF PREGNANCY	37 207.9	22 265.1	15 157.9	249 326.8	154 370.2	95 274.6	263 604.6	245 626.6	18 409.1	327 881.4	311 914.7	16 516.1
TOTAL DEATHS	117 11.8	80 12.3	37 10.9	471 9.7	311 9.6	160 10.0	424 10.5	384 10.3	40 13.1	356 10.6	338 10.6	18 11.3
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)												
Tuberculosis, all forms (010-018)							1 2.5	1 2.7				
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)												
Septicemia (038)				1 2.1	1 3.1		1 2.5	1 2.7		1 3.0	1 3.1	
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)												
Measles (055)												
Viral hepatitis (070)												
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)												
All other infectious & parasitic diseases (remainder of 001-139)				1 2.1		1 6.2	1 2.5	1 2.7				
Malignant neoplasms (140-208)	24 242.2	18 276.4	6	99 204.0	73 224.6	26 162.3	84 207.5	72 192.4	12	81 241.2	76 237.6	5
Lip, oral cavity & pharynx (140-149)												
Digestive organs & peritoneum (150-159)	6 60.5	3 46.1	3	23 47.4	17 52.3	6 37.4	26 64.2	23 61.5	3	24 71.5	24 75.0	
Respiratory & intrathoracic organs (160-165)	6 60.5	5 76.8	1	25 51.5	20 61.5	5 31.2	22 54.3	18 48.1	4	23 68.5	21 65.7	2
Breast (174-175)	2 20.2	2 30.7		9 18.5	8 24.6	1 6.2	6 14.8	6 16.0		5 14.9	4 12.5	1
Female genital organs (179-184)	2 20.2	2 30.7		3 6.2	2 6.2	1 6.2	5 12.4	4 10.7	1	9 26.8	9 28.1	
Male genital organs (185-187)	4 40.4	2 30.7	2	11 22.7	5 15.4	6 37.4	6 14.8	4 10.7	2	4 11.9	4 12.5	
Urinary organs (188-189)				5 10.3	5 15.4		3 7.4	3 8.0		4 11.9	4 12.5	
Other & unsp. sites (170-173, 190-199)	2 20.2	2 30.7		15 30.9	10 30.8	5 31.2	13 32.1	13 34.7		7 20.8	7 21.9	
Leukemia (204-208)	1 10.1	1 15.4		2 4.1	2 6.2		1 2.5		1	2 6.0	1 3.1	1
Other lymphatic & hematopoietic tissue (200-203)	1 10.1	1 15.4		6 12.4	4 12.3	2 12.5	2 4.9	1 2.7	1	3 8.9	2 6.3	1
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)				2 4.1		2 12.5	2 4.9	2 5.3				
Diabetes mellitus (250)	2 20.2	2 30.7		4 8.2	1 3.1	3 18.7	3 7.4	1 2.7	2	3 8.9	3 9.4	
Nutritional deficiencies (260-269)												
Anemias (280-285)				4 8.2	3 9.2	1 6.2	1 2.5	1 2.7		2 6.0	2 6.3	
Meningitis (320-322)										1 3.0	1 3.1	
Diseases of heart (390-398, 402, 404-429)	46 464.2	31 476.0	15	168 346.2	119 366.1	49 305.8	153 377.9	141 376.8	12	128 381.2	124 387.7	4
Rheumatic fever & rheumatic heart disease (390-398)										2 6.0	2 6.3	
Hypertensive heart disease (402)				4 8.2	1 3.1	3 18.7	6 14.8	5 13.4	1	5 14.9	5 15.6	
Hypertensive heart & renal disease (404)				5 10.3	2 6.2	3 18.7	2 4.9	1 2.7	1	1 3.0	1 3.1	
Ischemic heart disease (410-414)	36 363.1	26 399.3	10	141 290.5	107 329.1	34 212.2	111 274.2	103 275.2	8	104 309.7	102 318.9	2
All other forms of heart disease (415-429)	10 100.9	5 76.8	5	18 37.1	9 27.7	9 56.2	34 84.0	32 85.5	2	16 47.6	14 43.8	2
Hypertension, with or without renal disease (401, 403)	1 10.1		1	3 6.2		3 18.7	1 2.5	1 2.7		1 3.0	1 3.1	
Cerebrovascular disease (430-438)	11 111.0	7 107.5	4	72 148.4	45 138.4	27 168.5	40 98.8	38 101.5	2	32 95.3	31 96.9	1
Atherosclerosis (440)	4 40.4	2 30.7	2	8 16.5	3 9.2	5 31.2	8 19.8	8 21.4		6 17.9	6 18.8	
Other diseases of arteries, arterioles and capillaries (441-448)	2 20.2	2 30.7		2 4.1	1 3.1	1 6.2	5 12.4	5 13.4		7 20.8	7 21.9	
Acute bronchitis & bronchiolitis (466)												
Pneumonia (480-486)	3 30.3	2 30.7	1	5 10.3	3 9.2	2 12.5	16 39.5	15 40.1	1	10 29.8	9 28.1	1
Influenza (487)												
Bronchitis, chronic & unsp. (490-491)												
Emphysema (492)	1 10.1	1 15.4		3 6.2	2 6.2	1 6.2	3 7.4	3 8.0		2 6.0	2 6.3	
Asthma (493)							1 2.5	1 2.7				
Other chronic obstructive pulmonary disease & allied conditions (494-496)	2 20.2	2 30.7		10 20.6	10 30.8		9 22.2	8 21.4	1	10 29.8	9 28.1	1
Ulcer of stomach & duodenum (531-533)				3 6.2	3 9.2		1 2.5	1 2.7				
Appendicitis (540-543)				1 2.1		1 6.2						
Hernia & intestinal obstruction (550-553, 560)				1 2.1	1 3.1							
Chronic liver disease & cirrhosis (571)	1 10.1		1	7 14.4	5 15.4	2 12.5	11 27.2	8 21.4	3	9 26.8	7 21.9	2
Cholelithiasis & other disorders of gallbladder (574-575)				1 2.1		1 6.2				1 3.0	1 3.1	
Acute glomerulonephritis & nephrotic syndrome (580-581)							1 2.5	1 2.7				
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)												
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)				3 6.2		3 18.7	4 9.9	4 10.7		4 11.9	3 9.4	1
Infections of kidney (590)				2 4.1	2 6.2		1 2.5	1 2.7		1 3.0	1 3.1	
Hyperplasia of prostate (600)							1 2.5	1 2.7				
Complications of pregnancy, childbirth & the puerperium (630-676)												
Congenital anomalies (740-759)	1 10.1	1 15.4		2 4.1	2 6.2		2 4.9	2 5.3		6 17.9	6 18.8	
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)				3 6.2	1 3.1	2 12.5				3 8.9	3 9.4	
Other conditions originating in the perinatal period (760-766, 770-779)	1 10.1		1	5 10.3	1 3.1	4 25.0	3 7.4	2 5.3	1	2 6.0	2 6.3	
Symptoms, signs & ill-defined conditions (780-799)				5 10.3	1 3.1	4 25.0	21 51.9	17 45.4	4	6 17.9	5 15.6	1
All other diseases	9 90.8	5 76.8	4	25 51.5	14 43.1	11 68.7	28 69.2	26 69.5	2	18 53.6	17 53.1	1
Motor vehicle accidents (E810-E825)	1 10.1	1 15.4		8 16.5	6 18.5	2 12.5	8 19.8	8 21.4		6 17.9	6 18.8	
All other accidents & adverse effects (E800-E807, E826-E949)	6 60.5	4 61.4	2	14 28.8	10 30.8	4 25.0	7 17.3	7 18.7		12 35.7	12 37.5	
Suicide (E950-E959)	1 10.1	1 15.4		4 8.2	3 9.2	1 6.2	4 9.9	4 10.7		3 8.9	2 6.3	1
Homicide & legal intervention (E960-E978)	1 10.1	1 15.4		5 10.3	1 3.1	4 25.0	2 4.9	2 5.3				
All other external causes (E980-E999)							1 2.5	1 2.7		1 3.0	1 3.1	

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VII (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1979

	KNOXVILLE						LEBANON						MCMINNVILLE						MARYVILLE					
Estimated Population, July 1, 1979	TOTAL 185,910		WHITE 161,657		NONWHITE 24,253		TOTAL 14,075		WHITE 11,965		NONWHITE 2,110		TOTAL 10,916		WHITE 10,209		NONWHITE 707		TOTAL 20,611		WHITE 20,105		NONWHITE 506	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	2,338	12.6	1,790	11.1	548	22.6	238	16.9	195	16.3	43	20.4	201	18.4	190	18.6	11	15.6	207	10.0	200	9.9	7	13.8
ILLEGITIMATE BIRTHS	588	21.7	206	11.5	382	55.1	47	19.7	24	12.3	23	53.5	14	7.0	8	4.2	6	54.5	32	15.5	29	14.5	3	.....
LOW-WEIGHT BIRTHS (Less than 2500 grams)	190	8.1	122	6.8	68	12.4	22	9.2	16	8.2	6	14.0	17	8.5	15	7.9	2	18.2	19	9.2	18	9.0	1	.....
INFANT DEATHS (Under one year of age)	29	12.4	19	10.6	10	18.2	4	16.8	3	15.4	1	23.3	1	5.0	1	5.3		.....	1	4.8	1	5.0		.....
Neonatal Deaths (Under 28 days of age)	17	7.3	10	5.6	7	12.8	2	8.4	2	10.3		.....	1	5.0	1	5.3		.....		.....		.....		.....
Under 7 days of age	12		6		6		2		2			.....	1		1			.....		.....		.....		.....
7-27 days of age	5		4		1			.....		.....		.....		.....		.....		.....		.....		.....		.....
MATERNAL DEATHS (ICD codes 630-676)		.....		.....		.....		.....		.....		.....		.....		.....		.....		.....		.....		.....
FETAL DEATHS	24	10.3	19	10.6	5	9.1	1	4.2	1	5.1		.....		.....		.....		.....	5	24.2	5	25.0		.....
INDUCED TERMINATIONS OF PREGNANCY	1,752	749.4	1,504	840.2	247	450.7	43	180.7	34	174.4	9	209.3	56	278.6	51	268.4	4	363.6	181	874.4	178	890.0	3	.....
TOTAL DEATHS	1,784	9.6	1,507	9.3	277	11.4	128	9.1	105	8.8	23	10.9	131	12.0	124	12.1	7	9.9	239	11.6	238	11.8	1	2.0
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)																								
Certain other intestinal infections (007-009)	1	0.5	1	0.6																				
Tuberculosis, all forms (010-018)	3	1.6	2	1.2	1	4.1																		
Whooping cough (033)																								
Streptococcal sore throat, scarlatina & erysipelas (034-035)																								
Meningococcal infection (036)																			1	4.9	1	5.0		
Septicemia (038)	7	3.8	6	3.7	1	4.1							1	9.2	1	9.8								
Acute poliomyelitis (045)																								
Viral encephalitis (049.8-049.9, 062-064)																								
Measles (055)																								
Viral hepatitis (070)	2	1.1	2	1.2																				
Rocky Mtn. spotted fever (082.0)																								
Syphilis (090-097)																								
All other infectious & parasitic diseases (remainder of 001-139)	2	1.1	2	1.2															1	4.9	1	5.0		
Malignant neoplasms (140-208)	345	185.6	294	181.9	51	210.3	22	156.3	18	125.4	7		35	320.6	34	333.0	1		58	282.9	48	238.7		
Lip, oral cavity & pharynx (140-149)	6	3.2	4	2.5	2	8.2							1	9.2	1	9.8			1	4.9	1	5.0		
Digestive organs & peritoneum (150-159)	98	52.7	88	54.4	10	41.2	3	21.3	3	25.1			11	100.8	10	98.0	1		12	58.2	12	59.7		
Respiratory & intrathoracic organs (160-165)	94	50.6	79	48.9	15	61.8	9	63.9	6	50.1	3		9	82.4	9	88.2			11	53.4	11	54.7		
Breast (174-175)	26	14.0	22	13.6	4	16.5	1	7.1	1	8.4			3	27.5	3	29.4			8	38.8	8	39.8		
Female genital organs (179-184)	20	10.8	16	9.9	4	16.5	4	28.4	3	25.1	1		1	9.2	1	9.8			4	19.4	4	19.9		
Male genital organs (185-187)	12	6.5	11	6.8	1	4.1	1	7.1	1	8.4			1	9.2	1	9.8			4	19.4	4	19.9		
Urinary organs (188-189)	15	8.1	13	8.0	2	8.2	1	7.1			1		3	27.5	3	29.4			3	14.6	3	14.9		
Other & unsp. sites (170-173, 190-199)	37	19.9	31	19.2	6	24.7	2	14.2	1	8.4	1		6	55.0	6	58.8			1	4.9	1	5.0		
Leukemia (204-208)	13	7.0	9	5.6	4	16.5													1	4.9	1	5.0		
Other lymphatic & hematopoietic tissue (200-203)	24	12.9	21	13.0	3	12.4	1	7.1			1								3	14.6	3	14.9		
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	3	1.6	2	1.2	1	4.1													1	4.9	1	5.0		
Diabetes mellitus (250)	16	8.6	11	6.8	5	20.6	1	7.1	1	8.4			1	9.2	1	9.8			3	14.6	3	14.9		
Nutritional deficiencies (260-269)	8	4.3	7	4.3	1	4.1							1	9.2	1	9.8								
Anemias (280-285)	2	1.1	1	0.6	1	4.1																		
Meningitis (320-322)	4	2.2	3	1.9	1	4.1																		
Diseases of heart (390-398, 402, 404-429)	480	258.2	426	263.5	54	222.7	47	333.9	41	342.7	6		54	494.7	49	480.0	5		79	383.3	78	388.0	1	
Rheumatic fever & rheumatic heart disease (390-398)	1	0.5	1	0.6															1	4.9	1	5.0		
Hypertensive heart disease (402)	14	7.5	7	4.3	7	28.9	1	7.1			1								2	9.7	1	5.0	1	
Hypertensive heart & renal disease (404)	2	1.1	1	0.6	1	4.1							1	9.2	1	9.8								
Ischemic heart disease (410-414)	371	199.6	339	209.7	32	131.9	30	213.1	26	217.3	4		39	357.3	36	352.6	3		67	325.1	67	333.3		
All other forms of heart disease (415-429)	92	49.5	78	48.3	14	57.7	16	113.7	15	125.4	1		14	128.3	12	117.5	2		9	43.7	9	44.8		
Hypertension, with or without renal disease (401, 403)	5	2.7	3	1.9	2	8.2							1	9.2	1	9.8			3	14.6	3	14.9		
Cerebrovascular disease (430-438)	282	108.7	168	103.9	34	140.2	24	170.5	20	167.2	4		11	100.8	11	107.7			34	165.0	34	169.1		
Atherosclerosis (440)	29	15.6	27	16.7	2	8.2	2	14.2	2	16.7			2	18.3	2	19.6			4	19.4	4	19.9		
Other diseases of arteries, arterioles and capillaries (441-448)	14	7.5	14	8.7															6	29.1	6	29.8		
Acute bronchitis & bronchiolitis (466)	1	0.5	1	0.6																				
Pneumonia (480-486)	32	17.2	30	18.6	2	8.2	3	21.3	3	25.1			3	27.5	3	29.4			5	24.3	5	24.9		
Influenza (487)																								
Bronchitis, chronic & unsp. (490-491)	7	3.8	7	4.3															1	4.9	1	5.0		
Emphysema (492)	9	4.8	6	3.7	3	12.4													1	4.9	1	5.0		
Asthma (493)																			1	4.9	1	5.0		
Other chronic obstructive pulmonary disease & allied conditions (494-496)	33	17.8	30	18.6	3	12.4	2	14.2	1	8.4	1								5	24.3	5	24.9		
Ulcer of stomach & duodenum (531-533)	7	3.8	7	4.3																				
Appendicitis (540-543)																			1	4.9	1	5.0		
Hernia & intestinal obstruction (550-553, 560)	3	1.6	3	1.9																				
Chronic liver disease & cirrhosis (571)	12	6.5	10	6.2	2	8.2	2	14.2	2	16.7			1	9.2	1	9.8			1	4.9	1	5.0		
Cholelithiasis & other disorders of gallbladder (574-575)	4	2.2	4	2.5																				
Acute glomerulonephritis & nephrotic syndrome (580-581)																			1	4.9	1	5.0		
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	5	2.7	3	1.9	2	8.2							1	9.2	1	9.8								
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	13	7.0	8	4.9	5	20.6	2	14.2	1	8.4	1													
Infections of kidney (590)	1	0.5			1	4.1													2	9.7	2	9.9		
Hyperplasia of prostate (600)																								
Complications of pregnancy, childbirth & the puerperium (630-676)																								
Congenital anomalies (740-759)	13	7.0	11	6.8	2	8.2													1	4.9	1	5.0		
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	3	1.6	2	1.2	1	4.1	1	7.1	1	8.4														
Other conditions originating in the perinatal period (760-766, 770-779)	7	3.8	2	1.2	5	20.6	1	7.1	1	8.4			1	9.2	1	9.8								
Symptoms, signs & ill-defined conditions (780-799)	282	151.7	225	139.2	57	235.0	1	7.1			1		1	9.2	1	9.8								
All other diseases	94	50.6	75	46.4	19	78.3	10	71.0	9	75.2	1		8	73.3	8	78.4			19	92.2	19	94.5		
Motor vehicle accidents (E810-E825)	52	28.0	49	30.3	3	12.4	2	14.2	2	16.7			5	45.8	5	49.0			9	43.7	9	44.8		
All other accidents & adverse effects (E800-E807, E826-E949)	32	17.2	26	16.1	6	24.7	4	28.4	2	16.7	2		3	27.5	2	19.6	1		3	14.6	3	14.9		
Suicide (E950-E959)	29	15.6	27	16.7	2	8.2	3	21.3	3	25.1			1	9.2	1	9.8			4	19.4	4	19.9		
Homicide & legal intervention (E960-E978)	18	9.7	9	5.6	9	37.1	1	7.1	1	8.4			1	9.2	1	9.8			4	19.4	4	19.9		
All other external causes (E980-E999)	4	2.2	3	1.9	1	4.1													1	4.9	1	5.0		

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VII (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1979

Estimated Population, July 1, 1979	MEMPHIS			MILLINGTON			MORRISTOWN			MURFREESBORO		
	TOTAL 665,792	WHITE 404,927	NONWHITE 260,865	TOTAL 20,912	WHITE 19,271	NONWHITE 1,641	TOTAL 20,933	WHITE 19,080	NONWHITE 1,853	TOTAL 34,272	WHITE 29,910	NONWHITE 4,362
	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate	No. Rate
LIVE BIRTHS	11,784 17.7	4,456 11.0	7,328 28.1	372 17.8	270 14.0	102 62.2	275 13.1	247 12.9	28 15.1	446 13.0	341 11.4	105 24.1
ILLEGITIMATE BIRTHS	4,602 39.1	304 6.8	4,298 58.7	62 16.7	21 7.8	41 40.2	50 18.2	34 13.8	16 57.1	86 19.3	36 10.6	50 47.6
LOW-WEIGHT BIRTHS (Less than 2500 grams)	1,260 10.7	274 6.1	986 13.5	26 7.0	16 5.9	10 9.8	23 8.4	20 8.1	3 10.7	21 4.7	14 4.1	7 6.7
INFANT DEATHS (Under one year of age)	199 16.9	44 9.9	155 21.2	4 10.8	4 14.8		8 29.1	7 28.3	1 35.7	9 20.2	6 17.6	3 28.6
Neonatal Deaths (Under 28 days of age)	137 11.6	31 7.0	106 14.5	3 8.1	3 11.1		5 18.2	4 16.2	1 35.7	2 4.5	2 5.9	
Under 7 days of age	115	27	88	3	3		4	3	1	1	1	
7 - 27 days of age	22	4	18				1	1		1	1	
MATERNAL DEATHS (ICD codes 630-676)	3 2.5		3 4.1									
FETAL DEATHS	123 10.4	40 9.0	81 11.1	4 10.8	3 11.1	1 9.8	3 10.9	3 12.1		7 15.7	6 17.6	1 9.5
INDUCED TERMINATIONS OF PREGNANCY	5,198 441.1	2,621 588.2	2,575 351.4	106 284.9	74 274.1	32 313.7	149 541.8	137 554.7	12 428.6	261 585.2	214 627.6	45 428.6
TOTAL DEATHS	6,058 9.1	3,304 8.2	2,754 10.6	54 2.6	43 2.2	11 6.7	206 9.8	187 9.8	19 10.3	223 6.5	182 6.1	41 9.4
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)	1 0.2	1 0.2										
Tuberculosis, all forms (010-018)	11 1.7	5 1.2	6 2.3									
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)										1 2.9	1 3.3	
Septicemia (038)	28 4.2	13 3.2	15 5.8							2 5.8	1 3.3	1
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)	1 0.2	1 0.2										
Measles (055)												
Viral hepatitis (070)	2 0.3	1 0.2	1 0.4									
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)	2 0.3		2 0.8									
All other infectious & parasitic diseases (remainder of 001-139)	13 2.0	7 1.7	6 2.3	1 4.8	1 5.2					1 2.9	1 3.3	
Malignant neoplasms (140-208)	1,311 196.9	764 188.7	547 209.7	11 52.6	9 46.7	2	31 148.1	30 157.2	1	48 140.1	42 140.4	6
Lip, oral cavity & pharynx (140-149)	21 3.2	14 3.5	7 2.7				1 4.8	1 5.2				
Digestive organs & peritoneum (150-159)	329 49.4	179 44.2	150 57.5	3 14.3	2 10.4	1	9 43.0	9 47.2		13 37.9	12 40.1	1
Respiratory & intrathoracic organs (160-165)	352 52.9	227 56.1	125 47.9	1 4.8	1 5.2		4 19.1	4 21.0		14 40.8	12 40.1	2
Breast (174-175)	106 15.9	65 16.1	41 15.7	2 9.6	1 5.2	1	1 4.8	1 5.2		3 8.8	2 6.7	1
Female genital organs (179-184)	82 12.3	40 9.9	42 16.1				1 4.8	1 5.2		3 8.8	3 10.0	
Male genital organs (185-187)	88 13.2	38 9.4	50 19.2							5 14.6	5 16.7	
Urinary organs (188-189)	39 5.9	27 6.7	12 4.6	1 4.8	1 5.2		3 14.3	3 15.7		3 8.8	2 6.7	1
Other & unsp. sites (170-173, 190-199)	190 28.5	109 26.9	81 31.1	2 9.6	2 10.4		8 38.2	8 41.9		4 11.7	3 10.0	1
Leukemia (204-208)	47 7.1	31 7.7	16 6.1	1 4.8	1 5.2		4 19.1	3 15.7	1	1 2.9	1 3.3	
Other lymphatic & hematopoietic tissue (200-203)	57 8.6	34 8.4	23 8.8	1 4.8	1 5.2					2 5.8	2 6.7	
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	22 3.3	9 2.2	13 5.0							1 2.9	1 3.3	
Diabetes mellitus (250)	85 12.8	29 7.2	56 21.5				5 23.9	4 21.0	1	3 8.8	2 6.7	1
Nutritional deficiencies (260-269)	1 0.2		1 0.4									
Anemias (280-285)	9 1.4	7 1.7	2 0.8				1 4.8		1			
Meningitis (320-322)	2 0.3		2 0.8									
Diseases of heart (390-398, 402, 404-429)	2,112 317.2	1,179 291.2	933 357.7	17 81.3	13 67.5	4	74 353.5	68 356.4	6	82 239.3	68 227.3	14
Rheumatic fever & rheumatic heart disease (390-398)	19 2.9	16 4.0	3 1.2				1 4.8	1 5.2		1 2.9	1 3.3	
Hypertensive heart disease (402)	127 19.1	32 7.9	95 36.4	5 23.9	3 15.6	2				4 11.7	2 6.7	2
Hypertensive heart & renal disease (404)	8 1.2	5 1.2	3 1.2									
Ischemic heart disease (410-414)	1,217 182.8	878 216.8	339 130.0	9 43.0	8 41.5	1	65 310.5	60 314.5	5	69 201.3	58 193.9	11
All other forms of heart disease (415-429)	741 111.3	248 61.2	493 189.0	3 14.3	2 10.4	1	8 38.2	7 36.7	1	8 23.3	7 23.4	1
Hypertension, with or without renal disease (401, 403)	14 2.1	6 1.5	8 3.1	1 4.8	1 5.2					1 2.9		1
Cerebrovascular disease (430-438)	665 99.9	340 84.0	325 124.6	5 23.9	3 15.6	2	40 191.1	36 188.7	4	35 102.1	28 93.6	7
Atherosclerosis (440)	97 14.6	64 15.8	33 12.7	2 9.6	2 10.4					1 2.9	1 3.3	
Other diseases of arteries, arterioles and capillaries (441-448)	44 6.6	32 7.9	12 4.6	1 4.8	1 5.2					2 5.8	2 6.7	
Acute bronchitis & bronchiolitis (466)	5 0.8	4 1.0	1 0.4				2 9.6	2 10.5				
Pneumonia (480-486)	128 19.2	86 21.2	42 16.1				8 38.2	8 41.9		5 14.6	2 6.7	3
Influenza (487)												
Bronchitis, chronic & unsp. (490-491)	8 1.2	8 2.0					2 9.6	2 10.5				
Emphysema (492)	28 4.2	24 5.9	4 1.5	1 4.8	1 5.2					1 2.9	1 3.3	
Asthma (493)	6 0.9	2 0.5	4 1.5									
Other chronic obstructive pulmonary disease & allied conditions (494-496)	109 16.4	81 20.0	28 10.7	3 14.3	3 15.6		1 4.8	1 5.2				
Ulcer of stomach & duodenum (531-533)	9 1.4	6 1.5	3 1.2									
Appendicitis (540-543)	2 0.3	1 0.2	1 0.4									
Hernia & intestinal obstruction (550-553, 560)	21 3.2	7 1.7	14 5.4									
Chronic liver disease & cirrhosis (571)	85 12.8	47 11.6	38 14.6	1 4.8		1				2 5.8	1 3.3	1
Cholelithiasis & other disorders of gallbladder (574-575)	7 1.1	6 1.5	1 0.4									
Acute glomerulonephritis & nephrotic syndrome (580-581)	5 0.8	3 0.7	2 0.8	1 4.8		1						
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	28 4.2	10 2.5	18 6.9									
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	45 6.8	18 4.4	27 10.4									
Infections of kidney (590)	7 1.1	5 1.2	2 0.8									
Hyperplasia of prostate (600)	4 0.6	2 0.5	2 0.8									
Complications of pregnancy, childbirth & the puerperium (630-676)	3 2.5		3 4.1									
Congenital anomalies (740-759)	45 6.8	22 5.4	23 8.8							4 11.7	3 10.0	1
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	19 2.9	9 2.2	10 3.8				1 4.8	1 5.2		1 2.9	1 3.3	
Other conditions originating in the perinatal period (760-766, 770-779)	93 14.0	14 3.5	79 30.1	3 14.3	3 15.6		4 19.1	3 15.7	1	1 2.9	1 3.3	
Symptoms, signs & ill-defined conditions (780-799)	52 7.8	11 2.7	41 15.7	1 4.8	1 5.2		4 19.1	3 15.7	1	2 5.8	1 3.3	1
All other diseases	404 60.7	226 55.8	178 68.2	3 14.3	3 15.6		15 71.7	15 78.6		15 43.8	13 43.5	2
Motor vehicle accidents (E810-E825)	151 22.7	79 19.5	72 27.6	2 9.6	1 5.2	1	9 43.0	7 36.7	2	3 8.8	3 10.0	
All other accidents & adverse effects (E800-E807, E826-E949)	153 23.0	75 18.5	78 29.9	1 4.8	1 5.2		4 19.1	3 15.7	1	7 20.4	6 20.1	1
Suicide (E950-E959)	90 13.5	73 18.0	17 6.5				3 14.3	3 15.7		1 2.9	1 3.3	
Homicide & legal intervention (E960-E978)	124 18.6	24 5.9	100 38.3				1 4.8	1 5.2		4 11.7	2 6.7	2
All other external causes (E980-E999)	7 1.1	3 0.7	4 1.5				1 4.8		1			

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VII (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1979

	NASHVILLE						OAK RIDGE						RED BANK						SHELBYVILLE					
Estimated Population, July 1, 1979	TOTAL 452,600		WHITE 362,462		NONWHITE 90,138		TOTAL 27,334		WHITE 25,590		NONWHITE 1,744		TOTAL 15,194		WHITE 15,150		NONWHITE 44		TOTAL 11,712		WHITE 10,147		NONWHITE 1,565	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	7,347	16.2	5,155	14.2	2,192	24.3	280	10.2	242	9.5	38	21.8	51	3.4	45	3.0	6	136.4	221	18.9	178	17.5	43	27.5
ILLEGITIMATE BIRTHS	1,676	22.8	580	9.7	1,176	53.6	54	19.3	32	13.2	22	57.9	4	7.8	4	8.9			39	17.6	19	10.7	20	46.5
LOW-WEIGHT BIRTHS (Less than 2500 grams)	648	8.8	366	7.1	282	12.9	14	5.0	10	4.1	4	10.5	3	5.9	2	4.4	1		19	8.6	13	7.3	6	14.0
INFANT DEATHS (Under one year of age)	117	15.9	70	13.6	47	21.4							1	19.6	1	22.2			1	4.5	1	5.6		
Neonatal Deaths (Under 28 days of age)	79	10.8	45	8.7	34	15.5							1	19.6	1	22.2			1	4.5	1	5.6		
Under 7 days of age	66		39		27								1		1				1		1			
7-27 days of age	13		6		7																			
MATERNAL DEATHS (ICD codes 630-676)	1	1.4			1	4.6																		
FETAL DEATHS	67	9.1	39	7.6	28	12.8							2	39.2	2	44.4			5	22.6	4	22.5	1	23.3
INDUCED TERMINATIONS OF PREGNANCY	2,933	399.2	1,968	381.8	958	437.0	124	442.9	111	458.7	13	342.1	6	117.6	6	133.3			38	135.7	24	134.8	5	116.3
TOTAL DEATHS	4,158	9.2	3,103	8.6	1,055	11.7	184	6.7	169	6.6	15	8.6	89	5.9	89	5.9			147	12.6	125	12.3	22	14.1
CAUSE OF DEATH																								
Shigellosis & amebiasis (004, 006)																								
Certain other intestinal infections (007-009)	1	0.2			1	1.1																		
Tuberculosis, all forms (010-018)	2	0.4			2	2.2																		
Whooping cough (033)	1	0.2			1	1.1																		
Streptococcal sore throat, scarlatina & erysipelas (034-035)																								
Meningococcal infection (036)	1	0.2	1	0.3																				
Septicemia (038)	6	1.3	4	1.1	2	2.2																		
Acute poliomyelitis (045)																								
Viral encephalitis (049.8-049.9, 062-064)	1	0.2			1	1.1																		
Measles (055)																								
Viral hepatitis (070)	2	0.4	2	0.6																				
Rocky Mtn. spotted fever (082.0)																								
Syphilis (090-097)																								
All other infectious & parasitic diseases (remainder of 001-139)	7	1.5	6	1.7	1	1.1																		
Malignant neoplasms (140-208)	885	195.5	665	183.5	220	244.1	53	193.9	50	195.4	3		30	197.4	30	198.0			35	298.8	28	275.9	7	
Lip, oral cavity & pharynx (140-149)	22	4.9	15	4.1	7	7.8													1	8.5	1	9.9		
Digestive organs & peritoneum (150-159)	214	47.3	148	40.8	66	73.2	14	51.2	14	54.7			9	59.2	9	59.4			12	102.5	11	108.4	1	
Respiratory & intrathoracic organs (160-165)	278	61.4	212	58.5	66	73.2	14	51.2	11	43.0	3		5	32.9	5	33.0			5	42.7	3	29.6	2	
Breast (174-175)	62	13.7	49	13.5	13	14.4	7	25.6	7	27.4			1	6.6	1	6.6			3	25.6	3	29.6		
Female genital organs (179-184)	51	11.3	42	11.6	9	10.0	7	25.6	7	27.4			3	19.7	3	19.8			3	25.6	1	9.9	2	
Male genital organs (185-187)	41	9.1	23	6.3	18	20.0	5	18.3	5	19.5			4	26.3	4	26.4			1	8.5			1	
Urinary organs (188-189)	32	7.1	20	5.5	12	13.3	1	3.7	1	3.9									2	17.1	2	19.7		
Other & unsp. sites (170-173, 190-199)	108	23.9	92	25.4	16	17.8	4	14.6	4	15.6			6	39.5	6	39.6			4	34.2	1	39.4		
Leukemia (204-208)	27	6.0	22	6.1	5	5.5							1	6.6	1	6.6			3	25.6	2	19.7	1	
Other lymphatic & hematopoietic tissue (200-203)	50	11.0	42	11.6	8	8.9	1	3.7	1	3.9			1	6.6	1	6.6			1	8.5	1	9.9		
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	12	2.7	9	2.5	3	3.3																		
Diabetes mellitus (250)	80	17.7	48	13.2	32	35.5	1	3.7			1								2	17.1	2	19.7		
Nutritional deficiencies (260-269)	11	2.4	4	1.1	7	7.8																		
Anemias (280-285)	7	1.5	5	1.4	2	2.2	1	3.7			1													
Meningitis (320-322)	2	0.4			2	2.2																		
Diseases of heart (390-398, 402, 404-429)	1,479	326.8	1,132	312.3	347	385.0	47	171.9	44	171.9	3		30	197.4	30	198.0			49	418.4	44	433.6	5	
Rheumatic fever & rheumatic heart disease (390-398)	11	2.4	11	3.0			2	7.3	2	7.8			1	6.6	1	6.6								
Hypertensive heart disease (402)	89	19.7	43	11.9	46	51.0	2	7.3	2	7.8			1	6.6	1	6.6			1	8.5	1	9.9		
Hypertensive heart & renal disease (404)	5	1.1	1	0.3	4	4.4																		
Ischemic heart disease (410-414)	1,107	244.6	880	242.8	227	251.8	39	142.7	36	140.7	3		26	171.1	26	171.6			35	298.8	32	315.4	3	
All other forms of heart disease (415-429)	267	59.0	197	54.4	70	77.7	4	14.6	4	15.6			2	13.2	2	13.2			13	111.0	11	108.4	2	
Hypertension, with or without renal disease (401, 403)	11	2.4	4	1.1	7	7.8																		
Cerebrovascular disease (430-438)	380	84.0	295	81.4	85	94.3	22	80.5	19	74.2	3		8	52.7	8	52.8			21	179.3	19	187.2	2	
Atherosclerosis (440)	57	12.6	54	14.9	3	3.3	2	7.3	1	3.9	1		1	6.6	1	6.6			1	8.5			1	
Other diseases of arteries, arterioles and capillaries (441-448)	38	8.4	29	8.0	9	10.0	1	3.7			1		2	13.2	2	13.2			1	8.5	1	9.9		
Acute bronchitis & bronchiolitis (466)																								
Pneumonia (480-486)	86	19.0	70	19.3	16	17.8							3	19.7	3	19.8			2	17.1	2	19.7		
Influenza (487)	2	0.4	1	0.3	1	1.1																		
Bronchitis, chronic & unsp. (490-491)	9	2.0	7	1.9	2	2.2													1	8.5	1	9.9		
Emphysema (492)	47	10.4	40	11.0	7	7.8	2	7.3	2	7.8			2	13.2	2	13.2			1	8.5	1	9.9		
Asthma (493)	2	0.4	2	0.6																				
Other chronic obstructive pulmonary disease & allied conditions (494-496)	67	14.8	54	14.9	13	14.4	4	14.6	4	15.6			2	13.2	2	13.2			2	17.1	1	9.9	1	
Ulcer of stomach & duodenum (531-533)	15	3.3	11	3.0	4	4.4	1	3.7	1	3.9									1	8.5	1	9.9		
Appendicitis (540-543)	2	0.4			2	2.2	1	3.7			1													
Hernia & intestinal obstruction (550-553, 560)	5	1.1	2	0.6	3	3.3							1	6.6	1	6.6								
Chronic liver disease & cirrhosis (571)	53	11.7	41	11.3	12	13.3	2	7.3	2	7.8									2	17.1	2	19.7		
Cholelithiasis & other disorders of gallbladder (574-575)	11	2.4	8	2.2	3	3.3													2	17.1	2	19.7		
Acute glomerulonephritis & nephrotic syndrome (580-581)																								
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	6	1.3	3	0.8	3	3.3													1	8.5	1	9.9		
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	32	7.1	19	5.2	13	14.4	1	3.7	1	3.9									1	8.5	1	9.9		
Infections of kidney (590)	9	2.0	8	2.2	1	1.1	1	3.7	1	3.9														
Hyperplasia of prostate (600)																								
Complications of pregnancy, childbirth & the puerperium (630-676)	1	1.4			1	4.6																		
Congenital anomalies (740-759)	36	8.0	25	6.9	11	12.2																		
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	15	3.3	7	1.9	8	8.9							1	6.6	1	6.6								
Other conditions originating in the perinatal period (760-766, 770-779)	48	10.6	25	6.9	23	25.5													1	8.5	1	9.9		
Symptoms, signs & ill-defined conditions (780-799)	14	3.1	10	2.8	4	4.4	20	73.2	20	78.2									1	8.5	1	9.9		
All other diseases	308	68.1	218	60.1	90	99.8	11	40.2	11	43.0			2	13.2	2	13.2			6	51.2	6	59.1		
Motor vehicle accidents (E810-E825)	126	27.8	103	28.4	23	25.5	4	14.6	4	15.6			2	13.2	2	13.2			2	17.1	1	9.9	1	
All other accidents & adverse effects (E800-E807, E826-E949)	111	24.5	87	24.0	24	26.6	2	7.3	1	3.9	1		1	6.6	1	6.6			8	68.3	7	69.0	1	
Suicide (E950-E959)	66	14.6	56	15.4	10	11.1	7	25.6	7	27.4			3	19.7	3	19.8			3	25.6	2	19.7	1	
Homicide & legal intervention (E960-E978)	88	19.4	36	9.9	52	57.7	1	3.7	1	3.9			1	6.6	1	6.6			4	34.2	1	9.9	3	
All other external causes (E980-E999)	16	3.5	12	3.3	4	4.4																		

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VII (Continued)—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1979

	TULLAHOMA						UNION CITY					
Estimated Population, July 1, 1979	TOTAL 15,008		WHITE 14,115		NONWHITE 893		TOTAL 12,882		WHITE 11,559		NONWHITE 1,323	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	205	13.7	192	13.6	13	14.6	173	13.4	112	9.7	61	46.1
ILLEGITIMATE BIRTHS	22	10.7	16	8.3	6	46.2	46	26.6	9	8.0	37	60.7
LOW-WEIGHT BIRTHS (Less than 2500 grams)	22	10.7	20	10.4	2	15.4	10	5.8	4	3.6	6	9.8
INFANT DEATHS (Under one year of age)	2	9.8	2	10.4			2	11.6			2	32.8
Neonatal Deaths (Under 28 days of age)	2	9.8	2	10.4			2	11.6			2	32.8
Under 7 days of age	2		2				2				2	
7-27 days of age												
MATERNAL DEATHS (ICD codes 630-676)												
FETAL DEATHS	2	9.8	1	5.2			1	5.8			1	16.4
INDUCED TERMINATIONS OF PREGNANCY	39	190.2	35	182.3	3	230.8	28	161.8	21	187.5	7	114.8
TOTAL DEATHS	120	8.0	114	8.1	6	6.7	129	10.0	101	8.7	28	21.2
CAUSE OF DEATH												
Shigellosis & amebiasis (004, 006)												
Certain other intestinal infections (007-009)												
Tuberculosis, all forms (010-018)												
Whooping cough (033)												
Streptococcal sore throat, scarlatina & erysipelas (034-035)												
Meningococcal infection (036)												
Septicemia (038)												
Acute poliomyelitis (045)												
Viral encephalitis (049.8-049.9, 062-064)												
Measles (055)												
Viral hepatitis (070)												
Rocky Mtn. spotted fever (082.0)												
Syphilis (090-097)												
All other infectious & parasitic diseases (remainder of 001-139)												
Malignant neoplasms (140-208)	21	139.9	21	148.8			23	178.5	20	173.0	3	
Lip, oral cavity & pharynx (140-149)							1	7.8	1	8.7		
Digestive organs & peritoneum (150-159)	4	26.7	4	28.3			2	15.5	2	17.3		
Respiratory & intrathoracic organs (160-165)	9	60.0	9	63.8			6	46.6	5	43.3	1	
Breast (174-175)	1	6.7	1	7.1			3	23.3	2	17.3	1	
Female genital organs (179-184)							2	15.5	2	17.3		
Male genital organs (185-187)	1	6.7	1	7.1			1	7.8	1	8.7		
Urinary organs (188-189)	1	6.7	1	7.1			5	38.8	4	34.6	1	
Other & unsp. sites (170-173, 190-199)	3	20.0	3	21.3			2	15.5	2	17.3		
Leukemia (204-208)	1	6.7	1	7.1								
Other lymphatic & hematopoietic tissue (200-203)	1	6.7	1	7.1			1	7.8	1	8.7		
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)							1	7.8	1	8.7		
Diabetes mellitus (250)	3	20.0	3	21.3								
Nutritional deficiencies (260-269)												
Anemias (280-285)												
Meningitis (320-322)												
Diseases of heart (390-398, 402, 404-429)	45	299.8	44	311.7	1		49	380.4	39	337.4	10	
Rheumatic fever & rheumatic heart disease (390-398)							1	7.8	1	8.7		
Hypertensive heart disease (402)												
Hypertensive heart & renal disease (404)												
Ischemic heart disease (410-414)	34	226.5	33	233.8	1		42	326.0	34	294.1	8	
All other forms of heart disease (415-429)	11	73.3	11	77.9			6	46.6	4	34.6	2	
Hypertension, with or without renal disease (401, 403)												
Cerebrovascular disease (430-438)	10	66.6	9	63.8	1		24	186.3	14	121.1	10	
Atherosclerosis (440)	5	33.3	4	28.3	1		5	38.8	4	34.6	1	
Other diseases of arteries, arterioles and capillaries (441-448)	1	6.7	1	7.1								
Acute bronchitis & bronchiolitis (466)												
Pneumonia (480-486)	2	13.3	2	14.2			3	23.3	3	26.0		
Influenza (487)												
Bronchitis, chronic & unsp. (490-491)	1	6.7	1	7.1			1	7.8	1	8.7		
Emphysema (492)												
Asthma (493)												
Other chronic obstructive pulmonary disease & allied conditions (494-496)	1	6.7	1	7.1			6	46.6	5	43.3	1	
Ulcer of stomach & duodenum (531-533)	2	13.3	2	14.2								
Appendicitis (540-543)												
Hernia & intestinal obstruction (550-553, 560)												
Chronic liver disease & cirrhosis (571)	1	6.7	1	7.1								
Cholelithiasis & other disorders of gallbladder (574-575)												
Acute glomerulonephritis & nephrotic syndrome (580-581)												
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)												
Renal failure, disorders resulting from impaired renal function & small kidney of unk. cause (584-586, 588-589)	2	13.3	1	7.1	1							
Infections of kidney (590)	1	6.7	1	7.1								
Hyperplasia of prostate (600)												
Complications of pregnancy, childbirth & the puerperium (630-676)												
Congenital anomalies (740-759)	1	6.7	1	7.1			1	7.8	1	8.7		
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)												
Other conditions originating in the perinatal period (760-766, 770-779)	2	13.3	2	14.2			2	15.5			2	
Symptoms, signs & ill-defined conditions (780-799)	2	13.3	2	14.2								
All other diseases	4	26.7	3	21.3	1		7	54.3	6	51.9	1	
Motor vehicle accidents (E810-E825)	6	40.0	5	35.4	1							
All other accidents & adverse effects (E800-E807, E826-E949)	8	53.3	8	56.7			4	31.1	4	34.6		
Suicide (E950-E959)	1	6.7	1	7.1			2	15.5	2	17.3		
Homicide & legal intervention (E960-E978)												
All other external causes (E980-E999)	1	6.7	1	7.1			1	7.8	1	8.7		

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VIII—BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE HEALTH DEPARTMENT REGIONS, RESIDENT DATA, TENNESSEE, 1979

Estimated Population, July 1, 1979	(1) FIRST TENNESSEE						(2) EAST TENNESSEE						(3) SOUTHEAST TENNESSEE					
	TOTAL 398,500		WHITE 389,078		NONWHITE 9,422		TOTAL 809,200		WHITE 767,955		NONWHITE 41,245		TOTAL 470,500		WHITE 412,233		NONWHITE 58,267	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	5,140	12.9	4,989	12.8	151	16.0	11,382	14.0	10,488	13.7	814	19.7	7,503	15.9	6,184	15.0	1,319	22.6
ILLEGITMATE BIRTHS	496	9.6	436	8.7	60	39.7	1,424	12.6	1,011	9.6	413	50.7	1,205	16.1	486	7.9	719	54.5
LOW-WEIGHT BIRTHS (Less than 2500 grams)	385	7.5	362	7.3	23	15.2	828	7.3	724	6.9	96	11.8	511	6.8	350	5.7	161	12.2
INFANT DEATHS (Under one year of age)	73	14.2	70	14.0	3	19.9	127	11.2	113	10.8	14	17.2	95	12.7	74	12.0	21	15.9
Neonatal Deaths (Under 28 days of age)	45	8.8	43	8.6	2	13.2	81	7.2	70	6.7	11	13.5	59	7.9	48	7.8	11	8.3
Under 7 days of age	38	....	36	....	2	....	67	....	57	....	10	....	43	....	34	....	9	....
7-27 days of age	7	....	7	....	....	....	14	....	13	....	1	....	16	....	14	....	2	....
MATERNAL DEATHS (ICD codes 630-676)	....	....	....	....	....	....	1	0.9	1	1.0	....	....	4	5.3	2	3.2	2	15.2
FETAL DEATHS	54	10.5	50	10.0	3	19.9	111	9.8	102	9.7	8	9.8	60	8.0	45	7.3	14	10.6
INDUCED TERMINATIONS OF PREGNANCY	1,219	237.2	1,165	233.5	54	357.6	3,556	314.6	3,223	307.3	330	405.4	1,423	189.7	1,104	178.8	313	237.3
TOTAL DEATHS	3,417	8.6	3,321	8.5	96	10.2	6,912	8.5	6,488	8.4	424	10.3	4,129	8.8	3,488	8.5	641	11.0
CAUSE OF DEATH																		
Shigellosis & amebiasis (004, 006)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Certain other intestinal infections (007-009)	1	0.3	1	0.3	....	....	2	0.2	2	0.3	....	....	....	....	....	....	....	....
Tuberculosis, all forms (010-018)	5	1.3	5	1.3	....	....	14	1.7	12	1.6	2	4.8	10	2.1	6	1.5	4	6.9
Whooping cough (033)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Streptococcal sore throat, scarlatina & erysipelas (034-035)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Meningococcal infection (036)	1	0.3	1	0.3	....	....	2	0.2	2	0.3	....	....	2	0.4	2	0.5	....	....
Septicemia (038)	6	1.5	6	1.5	....	....	11	1.4	10	1.3	1	2.4	10	2.1	6	1.5	4	6.9
Acute poliomyelitis (045)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral encephalitis (049.8-049.9, 062-064)	....	....	....	....	....	....	1	0.1	1	0.1	....	....	....	....	....	....	....	....
Measles (055)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral hepatitis (070)	1	0.3	1	0.3	....	....	8	1.0	8	1.0	....	....	....	....	....	....	....	....
Rocky Mtn. spotted fever (082.0)	....	....	....	....	....	....	....	....	....	....	....	....	1	0.2	1	0.2	....	....
Syphilis (090-097)	....	....	....	....	....	....	1	0.1	1	0.1	....	....	1	0.2	....	....	1	1.7
All other infectious & parasitic diseases (remainder of 001-139)	4	1.0	4	1.0	....	....	12	1.5	12	1.6	....	....	9	1.9	7	1.7	2	3.4
Malignant neoplasms (140-208)	661	165.9	640	164.5	21	222.9	1,352	167.1	1,275	166.0	77	186.7	864	183.6	736	178.5	128	219.7
Lip, oral cavity & pharynx (140-149)	12	3.0	12	3.1	....	....	37	4.6	35	4.6	2	4.8	13	2.8	12	2.9	1	1.7
Digestive organs & peritoneum (150-159)	171	42.9	167	42.9	4	42.5	318	39.3	301	39.2	17	41.2	204	43.4	170	41.2	34	58.4
Respiratory & intrathoracic organs (160-165)	178	44.7	171	44.0	7	74.3	371	45.8	347	45.2	24	58.2	263	55.9	221	53.6	42	72.1
Breast (174-175)	50	12.5	48	12.3	2	21.2	109	13.5	104	13.5	5	12.1	61	13.0	51	12.4	10	17.2
Female genital organs (179-184)	61	15.3	60	15.4	1	10.6	78	9.6	72	9.4	6	14.5	58	12.3	45	10.9	13	22.3
Male genital organs (185-187)	27	6.8	25	6.4	2	21.2	56	6.9	53	6.9	3	7.3	43	9.1	35	8.5	8	13.7
Urinary organs (188-189)	30	7.5	29	7.5	1	10.6	59	7.3	55	7.2	4	9.7	34	7.2	31	7.5	3	5.1
Other & unsp. sites (170-173, 190-199)	81	20.3	81	20.8	....	....	190	23.5	182	23.7	8	19.4	113	24.0	103	25.0	10	17.2
Leukemia (204-208)	20	5.0	18	4.6	2	21.2	54	6.7	49	6.4	5	12.1	31	6.6	29	7.0	2	3.4
Other lymphatic & hematopoietic tissue (200-203)	31	7.8	29	7.5	2	21.2	80	9.9	77	10.0	3	7.3	44	9.4	39	9.5	5	8.6
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	3	0.8	3	0.8	....	....	13	1.6	12	1.6	1	2.4	9	1.9	8	1.9	1	1.7
Diabetes mellitus (250)	48	12.0	45	11.6	3	31.8	95	11.7	88	11.5	7	17.0	61	13.0	48	11.6	13	22.3
Nutritional deficiencies (260-269)	....	....	....	....	....	....	18	2.2	17	2.2	1	2.4	3	0.6	3	0.7	....	....
Anemias (280-285)	5	1.3	5	1.3	....	....	10	1.2	5	0.7	5	12.1	6	1.3	5	1.2	1	1.7
Meningitis (320-322)	1	0.3	1	0.3	....	....	7	0.9	6	0.8	1	2.4	2	0.4	1	0.2	1	1.7
Diseases of heart (390-398, 402, 404-429)	1,336	335.3	1,300	334.1	36	382.1	2,284	282.3	2,192	285.4	92	223.1	1,560	331.6	1,326	321.7	234	401.6
Rheumatic fever & rheumatic heart disease (390-398)	17	4.3	17	4.4	....	....	21	2.6	21	2.7	....	....	12	2.6	11	2.7	1	1.7
Hypertensive heart disease (402)	40	10.0	38	9.8	2	21.2	51	6.3	39	5.1	12	29.1	41	8.7	32	7.8	9	15.4
Hypertensive heart & renal disease (404)	9	2.3	7	1.8	2	21.2	12	1.5	11	1.4	1	2.4	4	0.9	4	1.0	....	....
Ischemic heart disease (410-414)	1,025	257.2	1,001	257.3	24	254.7	1,845	228.0	1,788	232.8	57	138.2	1,286	273.3	1,093	265.1	193	331.2
All other forms of heart disease (415-429)	245	61.5	237	60.9	8	84.9	355	43.9	333	43.4	22	53.3	217	46.1	186	45.1	31	53.2
Hypertension, with or without renal disease (401, 403)	4	1.0	4	1.0	....	....	28	3.5	24	3.1	4	9.7	12	2.6	9	2.2	3	5.1
Cerebrovascular disease (430-438)	345	86.6	338	86.9	7	74.3	743	91.8	684	89.1	59	143.0	438	93.1	365	88.5	73	125.3
Atherosclerosis (440)	44	11.0	44	11.3	....	....	95	11.7	90	11.7	5	12.1	73	15.5	68	16.5	5	8.6
Other diseases of arteries, arterioles and capillaries (441-448)	43	10.8	43	11.1	....	....	49	6.1	48	6.3	1	2.4	28	6.0	26	6.3	2	3.4
Acute bronchitis & bronchiolitis (466)	2	0.5	2	0.5	....	....	5	0.6	5	0.7	....	....	2	0.4	2	0.5	....	....
Pneumonia (480-486)	96	24.1	94	24.2	2	21.2	176	21.7	173	22.5	3	7.3	105	22.3	91	22.1	14	24.0
Influenza (487)	2	0.5	2	0.5	....	....	....	....	....	....	....	....	2	0.4	2	0.5	....	....
Bronchitis, chronic & unsp. (490-491)	4	1.0	3	0.8	1	10.6	25	3.1	25	3.3	....	....	10	2.1	7	1.7	3	5.1
Emphysema (492)	15	3.8	15	3.9	....	....	44	5.4	39	5.1	5	12.1	26	5.5	26	6.3	....	....
Asthma (493)	6	1.5	6	1.5	....	....	10	1.2	9	1.2	1	2.4	5	1.1	4	1.0	1	1.7
Other chronic obstructive pulmonary disease & allied conditions (494-496)	79	19.8	76	19.5	3	31.8	143	17.7	139	18.1	4	9.7	61	13.0	52	12.6	9	15.4
Ulcer of stomach & duodenum (531-533)	4	1.0	4	1.0	....	....	16	2.0	16	2.1	....	....	12	2.6	7	1.7	5	8.6
Appendicitis (540-543)	....	....	....	....	....	....	4	0.5	3	0.4	1	2.4	....	....	....	....	....	....
Hernia & intestinal obstruction (550-553, 560)	3	0.8	3	0.8	....	....	9	1.1	9	1.2	....	....	11	2.3	8	1.9	3	5.1
Chronic liver disease & cirrhosis (571)	44	11.0	38	9.8	6	63.7	66	8.2	62	8.1	4	9.7	58	12.3	45	10.9	13	22.3
Cholelithiasis & other disorders of gallbladder (574-575)	5	1.3	5	1.3	....	....	9	1.1	9	1.2	....	....	12	2.6	11	2.7	1	1.7
Acute glomerulonephritis & nephrotic syndrome (580-581)	1	0.3	1	0.3	....	....	1	0.1	1	0.1	....	....	1	0.2	1	0.2	....	....
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	8	2.0	8	2.1	....	....	15	1.9	12	1.6	3	7.3	11	2.3	4	1.0	7	12.0
Renal failure, disorders resulting from impaired renal functions & small kidney of unk. cause (584-586, 588-589)	26	6.5	25	6.4	1	10.6	39	4.8	34	4.4	5	12.1	23	4.9	18	4.4	5	8.6
Infections of kidney (590)	7	1.8	7	1.8	....	....	10	1.2	9	1.2	1	2.4	9	1.9	8	1.9	1	1.7
Hyperplasia of prostate (600)	1	0.3	1	0.3	....	....	....	....	....	....	....	....	1	0.2	1	0.2	....	....
Complications of pregnancy, childbirth & the puerperium (630-676)	....	....	....	....	....	....	1	0.9	1	1.0	....	....	4	5.3	2	3.2	2	15.2
Congenital anomalies (740-759)	37	9.3	36	9.3	1	10.6	45	5.6	43	5.6	2	4.8	28	6.0	25	6.1	3	5.1
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	14	3.5	14	3.6	....	....	26	3.2	24	3.1	2	4.8	14	3.0	12	2.9	2	3.4
Other conditions originating in the perinatal period (760-766, 770-779)	20	5.0	18	4.6	2	21.2	30	3.7	22	2.9	8	19.4	29	6.2	20	4.9	9	15.4
Symptoms, signs & ill-defined conditions (780-799)	56	14.1	51	13.1	5	53.1	532	65.7	470	61.2	62	150.3	37	7.9	31	7.5	6	10.3
All other diseases	189	47.4	184	47.3	5	53.1	353	43.6	323	42.1	30	72.7	196	41.7	167	40.5	29	49.8
Motor vehicle accidents (E810-E825)	115	28.9	115	29.6	....	....	245	30.3	237	30.9	8	19.4	146	31.0	136	33.0	10	17.2
All other accidents & adverse effects (E800-E807, E826-E949)	101	25.3	101	26.0	....	....	167	20.6	155	20.2	12	29.1	113	24.0	97	23.5	16	27.5
Suicide (E950-E959)	42	10.5	40	10.3	2	21.2	113	14.0	110	14.3	3	7.3	56	11.9	53	12.9	3	5.1
Homicide & legal intervention (E960-E978)	24	6.0	23	5.9	1	10.6	64	7.9	52	6.8	12	29.1	57	12.1	33	8.0	24	41.2
All other external causes (E980-E999)	8	2.0	8	2.1	....	....	19	2.3	17	2.2	2	4.8	11	2.3	8	1.9	3	5.1

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VIII (Continued) — BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE HEALTH DEPARTMENT REGIONS, RESIDENT DATA, TENNESSEE, 1979

	(4) UPPER CUMBERLAND						(5) MID-CUMBERLAND						(6) SOUTH CENTRAL TENNESSEE					
Estimated Population, July 1, 1979	TOTAL 228,700		WHITE 224,465		NONWHITE 4,235		TOTAL 910,100		WHITE 767,090		NONWHITE 143,010		TOTAL 290,800		WHITE 264,382		NONWHITE 26,418	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	3,381	14.8	3,307	14.7	73	17.2	14,787	16.2	11,572	15.1	3,215	22.5	4,367	15.0	3,898	14.7	469	17.8
ILLEGITMATE BIRTHS	274	8.1	252	7.6	22	30.1	2,568	17.4	953	8.3	1,610	50.1	584	13.4	319	8.2	265	56.5
LOW-WEIGHT BIRTHS (Less than 2500 grams)	219	6.5	214	6.5	5	6.8	1,136	7.7	760	6.6	376	11.7	320	7.3	252	6.5	68	14.5
INFANT DEATHS (Under one year of age)	40	11.8	40	12.1	....	....	216	14.6	149	12.9	67	20.8	44	10.1	36	9.2	8	17.1
Neonatal Deaths (Under 28 days of age)	28	8.3	28	8.5	....	....	144	9.7	101	8.7	43	13.4	31	7.1	24	6.2	7	14.9
Under 7 days of age	25	....	25	....	....	....	119	....	84	....	35	....	24	....	20	....	4	....
7-27 days of age	3	....	3	....	....	....	25	....	17	....	8	....	7	....	4	....	3	....
MATERNAL DEATHS (ICD codes 630-676)	....	....	....	....	....	....	1	0.7	....	....	1	3.1	....	....	....	....	....	....
FETAL DEATHS	23	6.8	22	6.7	....	....	128	8.7	87	7.5	41	12.8	49	11.2	35	9.0	12	25.6
INDUCED TERMINATIONS OF PREGNANCY	540	159.7	517	156.3	22	301.4	4,474	302.6	3,238	279.8	1,223	380.4	588	134.6	489	125.4	94	200.4
TOTAL DEATHS	2,257	9.9	2,220	9.9	37	8.7	7,531	8.3	6,042	7.9	1,489	10.4	2,761	9.5	2,493	9.4	268	10.1
CAUSE OF DEATH																		
Shigellosis & amebiasis (004, 006)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Certain other intestinal infections (007-009)	....	....	....	....	....	....	2	0.2	1	0.1	1	0.7	....	....	....	....	....	....
Tuberculosis, all forms (010-018)	8	3.5	8	3.6	....	....	7	0.8	5	0.7	2	1.4	5	1.7	5	1.9	....	....
Whooping cough (033)	....	....	....	....	....	....	1	0.1	....	....	1	0.7	....	....	....	....	....	....
Streptococcal sore throat, scarlatina & erysipelas (034-035)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Meningococcal infection (036)	2	0.9	2	0.9	....	....	2	0.2	2	0.3	....	....	....	....	....	....	....	....
Septicemia (038)	9	3.9	9	4.0	....	....	14	1.5	8	1.0	6	4.2	6	2.1	5	1.9	1	3.8
Acute poliomyelitis (045)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral encephalitis (049.8-049.9, 062-064)	....	....	....	....	....	....	1	0.1	....	....	1	0.7	....	....	....	....	....	....
Measles (055)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral hepatitis (070)	....	....	....	....	....	....	3	0.3	3	0.4	....	....	....	....	....	....	....	....
Rocky Mtn. spotted fever (082.0)	1	0.4	1	0.4	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Syphilis (090-097)	1	0.4	1	0.4	....	....	1	0.1	1	0.1	....	....	....	....	....	....	....	....
All other infectious & parasitic diseases (remainder of 001-139)	2	0.9	2	0.9	....	....	13	1.4	11	1.4	2	1.4	5	1.7	4	1.5	1	3.8
Malignant neoplasms (140-208)	394	172.3	389	173.3	5	....	1,580	173.6	1,277	166.5	303	211.9	558	191.9	503	190.3	55	208.2
Lip, oral cavity & pharynx (140-149)	5	2.2	5	2.2	....	....	31	3.4	21	2.7	10	7.0	14	4.8	12	4.5	2	7.6
Digestive organs & peritoneum (150-159)	100	43.7	99	44.1	1	....	382	42.0	296	38.6	86	60.1	143	49.2	126	47.7	17	64.4
Respiratory & intrathoracic organs (160-165)	111	48.5	111	49.5	....	....	488	53.6	397	51.8	91	63.6	147	50.6	137	51.8	10	37.9
Breast (174-175)	24	10.5	23	10.2	1	....	110	12.1	91	11.9	19	13.3	44	15.1	37	14.0	7	26.5
Female genital organs (179-184)	28	12.2	27	12.0	1	....	99	10.9	87	11.3	12	8.4	30	10.3	25	9.5	5	18.9
Male genital organs (185-187)	28	12.2	28	12.5	....	....	75	8.2	52	6.8	23	16.1	39	13.4	34	12.9	5	18.9
Urinary organs (188-189)	13	5.7	13	5.8	....	....	67	7.4	50	6.5	17	11.9	24	8.3	23	8.7	1	3.8
Other & unsp. sites (170-173, 190-199)	56	24.5	54	24.1	2	....	190	20.9	167	21.8	23	16.1	78	26.8	74	28.0	4	15.1
Leukemia (204-208)	14	6.1	14	6.2	....	....	53	5.8	44	5.7	9	6.3	12	4.1	10	3.8	2	7.6
Other lymphatic & hematopoietic tissue (200-203)	15	6.6	15	6.7	....	....	85	9.3	72	9.4	13	9.1	27	9.3	25	9.5	2	7.6
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	3	1.3	3	1.3	....	....	19	2.1	15	2.0	4	2.8	4	1.4	4	1.5	....	....
Diabetes mellitus (250)	32	14.0	32	14.3	....	....	120	13.2	80	10.4	40	28.0	39	13.4	32	12.1	7	26.5
Nutritional deficiencies (260-269)	7	3.1	7	3.1	....	....	14	1.5	7	0.9	7	4.9	4	1.4	4	1.5	....	....
Anemias (280-285)	3	1.3	3	1.3	....	....	9	1.0	6	0.8	3	2.1	2	0.7	2	0.8	....	....
Meningitis (320-322)	....	....	....	....	....	....	4	0.4	1	0.1	3	2.1	....	....	....	....	....	....
Diseases of heart (390-398, 402, 404-429)	899	393.1	880	392.0	19	....	2,731	300.1	2,245	292.7	486	339.8	1,049	360.7	964	364.6	85	321.8
Rheumatic fever & rheumatic heart disease (390-398)	9	3.9	9	4.0	....	....	19	2.1	19	2.5	....	....	5	1.7	5	1.9	....	....
Hypertensive heart disease (402)	23	10.1	22	9.8	1	....	113	12.4	57	7.4	56	39.2	28	9.6	23	8.7	5	18.9
Hypertensive heart & renal disease (404)	4	1.7	3	1.3	1	....	5	0.5	1	0.1	4	2.8	2	0.7	2	0.8	....	....
Ischemic heart disease (410-414)	750	327.9	738	328.8	12	....	2,079	228.4	1,746	227.6	333	232.9	809	278.2	752	284.4	57	215.8
All other forms of heart disease (415-429)	113	49.4	108	48.1	5	....	515	56.6	422	55.0	93	65.0	205	70.5	182	68.8	23	87.1
Hypertension, with or without renal disease (401, 403)	4	1.7	4	1.8	....	....	22	2.4	11	1.4	11	7.7	13	4.5	7	2.6	6	22.7
Cerebrovascular disease (430-438)	252	110.2	250	111.4	2	....	749	82.3	606	79.0	143	100.0	265	91.1	234	88.5	31	117.3
Atherosclerosis (440)	45	19.7	43	19.2	2	....	116	12.7	104	13.6	12	8.4	46	15.8	40	15.1	6	22.7
Other diseases of arteries, arterioles and capillaries (441-448)	18	7.9	18	8.0	....	....	71	7.8	60	7.8	11	7.7	22	7.6	21	7.9	1	3.8
Acute bronchitis & bronchiolitis (466)	53	23.2	53	23.6	....	....	145	15.9	120	15.6	25	17.5	82	28.2	79	29.9	3	11.4
Pneumonia (480-486)	1	0.4	1	0.4	....	....	3	0.3	1	0.1	2	1.4	1	0.3	1	0.4	....	....
Influenza (487)	7	3.1	7	3.1	....	....	15	1.6	13	1.7	2	1.4	7	2.4	7	2.6	....	....
Bronchitis, chronic & unsp. (490-491)	14	6.1	14	6.2	....	....	68	7.5	60	7.8	8	5.6	21	7.2	20	7.6	1	3.8
Emphysema (492)	3	1.3	3	1.3	....	....	7	0.8	5	0.7	2	1.4	2	0.7	1	0.4	1	3.8
Asthma (493)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Other chronic obstructive pulmonary disease & allied conditions (494-496)	42	18.4	42	18.7	....	....	100	11.0	83	10.8	17	11.9	44	15.1	40	15.1	4	15.1
Ulcer of stomach & duodenum (531-533)	7	3.1	7	3.1	....	....	24	2.6	20	2.6	4	2.8	13	4.5	12	4.5	1	3.8
Appendicitis (540-543)	....	....	....	....	....	....	2	0.2	....	....	2	1.4	....	....	....	....	....	....
Hernia & intestinal obstruction (550-553, 560)	4	1.7	4	1.8	....	....	15	1.6	11	1.4	4	2.8	4	1.4	4	1.5	....	....
Chronic liver disease & cirrhosis (571)	16	7.0	16	7.1	....	....	85	9.3	70	9.1	15	10.5	26	8.9	23	8.7	3	11.4
Cholelithiasis & other disorders of gallbladder (574-575)	6	2.6	6	2.7	....	....	16	1.8	12	1.6	4	2.8	10	3.4	10	3.8	....	....
Acute glomerulonephritis & nephrotic syndrome (580-581)	....	....	....	....	....	....	1	0.1	....	....	1	0.7	2	0.7	2	0.8	....	....
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	8	3.5	7	3.1	1	....	10	1.1	5	0.7	5	3.5	8	2.8	7	2.6	1	3.8
Renal failure, disorders resulting from impaired renal functions & small kidney of unk. cause (584-586, 588-589)	9	3.9	8	3.6	1	....	49	5.4	30	3.9	19	13.3	25	8.6	21	7.9	4	15.1
Infections of kidney (590)	5	2.2	5	2.2	....	....	16	1.8	14	1.8	2	1.4	10	3.4	9	3.4	1	3.8
Hyperplasia of prostate (600)	1	0.4	1	0.4	....	....	3	0.3	1	0.1	2	1.4	3	1.0	3	1.1	....	....
Complications of pregnancy, childbirth & the puerperium (630-676)	....	....	....	....	....	....	1	0.7	....	....	1	3.1	....	....	....	....	....	....
Congenital anomalies (740-759)	16	7.0	16	7.1	....	....	62	6.8	49	6.4	13	9.1	15	5.2	13	4.9	2	7.6
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	7	3.1	7	3.1	....	....	29	3.2	20	2.6	9	6.3	7	2.4	6	2.3	1	3.8
Other conditions originating in the perinatal period (760-766, 770-779)	10	4.4	10	4.5	....	....	84	9.2	54	7.0	30	21.0	16	5.5	13	4.9	3	11.4
Symptoms, signs & ill-defined conditions (780-799)	25	10.9	23	10.2	2	....	57	6.3	44	5.7	13	9.1	49	16.9	39	14.8	10	37.9
All other diseases	108	47.2	106	47.2	2	....	494	54.3	380	49.5	114	79.7	143	49.2	126	47.7	17	64.4
Motor vehicle accidents (E810-E825)	87	38.0	86	38.3	1	....	252	27.7	216	28.2	36	25.2	101	34.7	95	35.9	6	22.7
All other accidents & adverse effects (E800-E807, E826-E949)	68	29.7	66	29.4	2	....	221	24.3	185	24.1	36	25.2	89	30.6	82	31.0	7	26.5
Suicide (E950-E959)	50	21.9	50	22.3	....	....	140	15.4	126	16.4	14	9.8	36	12.4	35	13.2	1	3.8
Homicide & legal intervention (E960-978)	23	10.1	23	10.2	....	....	128	14.1	61	8.0	67	46.8	20	6.9	11	4.2	9	34.1
All other external causes (E980-E999)	7	3.1	7	3.1	....	....	25	2.7	19	2.5	6	4.2	9	3.1	9	3.4	....	....

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE VIII (Continued) — BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED TERMINATIONS OF PREGNANCY, AND DEATHS BY CAUSE (9th Rev. ICD), WITH RATES, BY RACE, FOR THE HEALTH DEPARTMENT REGIONS, RESIDENT DATA, TENNESSEE, 1979

	(7) NORTHWEST TENNESSEE						(8) SOUTHWEST TENNESSEE						(9) MEMPHIS–DELTA					
Estimated Population, July 1, 1979	TOTAL 234,700		WHITE 204,102		NONWHITE 30,598		TOTAL 282,200		WHITE 151,715		NONWHITE 50,485		TOTAL 835,000		WHITE 520,669		NONWHITE 314,331	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
LIVE BIRTHS	3,352	14.3	2,709	13.3	643	21.0	3,220	15.9	2,228	14.7	992	19.6	15,274	18.3	6,928	13.3	8,345	26.5
ILLEGITMATE BIRTHS	589	17.6	192	7.1	397	61.7	673	20.9	149	6.7	524	52.8	5,252	34.4	427	6.2	4,825	57.8
LOW-WEIGHT BIRTHS (Less than 2500 grams)	232	6.9	156	5.8	76	11.8	270	8.4	160	7.2	110	11.1	1,497	9.8	405	5.8	1,092	13.1
INFANT DEATHS (Under one year of age)	50	14.9	32	11.8	18	28.0	42	13.0	21	9.4	21	21.2	238	15.6	65	9.4	173	20.7
Neonatal Deaths (Under 28 days of age)	42	12.5	26	9.6	16	24.9	28	8.7	13	5.8	15	15.1	162	10.6	44	6.4	118	14.1
Under 7 days of age	33	....	19	....	14	....	23	....	11	....	12	....	136	....	38	....	98	....
7-27 days of age	9	....	7	....	2	....	5	....	2	....	3	....	26	....	6	....	20	....
MATERNAL DEATHS (ICD codes 630-676)	....	....	....	....	....	....	....	....	....	....	....	....	3	2.0	....	....	3	3.6
FETAL DEATHS	38	11.3	21	7.8	17	26.4	24	7.5	15	6.7	9	9.1	145	9.5	51	7.4	92	11.0
INDUCED TERMINATIONS OF PREGNANCY	554	165.3	440	162.4	114	177.3	599	186.0	407	182.7	192	193.5	5,755	376.8	3,037	438.4	2,716	325.5
TOTAL DEATHS	2,652	11.3	2,309	11.3	343	11.2	1,945	9.6	1,497	9.9	448	8.9	7,108	8.5	3,979	7.6	3,129	10.0
CAUSE OF DEATH																		
Shigellosis & amebiasis (004, 006)	....	....	....	....	....	....	....	....	....	....	....	....	1	0.1	....	....	1	0.3
Certain other intestinal infections (007-009)	....	....	....	....	....	....	....	....	....	....	....	....	1	0.1	1	0.2	....	....
Tuberculosis, all forms (010-018)	2	0.9	1	0.5	1	3.3	....	....	....	....	....	....	12	1.4	6	1.2	6	1.9
Whooping cough (033)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Streptococcal sore throat, scarlatina & erysipelas (034-035)	....	....	....	....	....	....	1	0.5	1	0.7	....	....	....	....	....	....	....	....
Meningococcal infection (036)	....	....	....	....	....	....	1	0.5	1	0.7	....	....	....	....	....	....	....	....
Septicemia (038)	4	1.7	4	2.0	....	....	7	3.5	6	4.0	1	2.0	31	3.7	14	2.7	17	5.4
Acute poliomyelitis (045)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral encephalitis (049.8-049.9, 062-064)	....	....	....	....	....	....	....	....	....	....	....	....	2	0.2	1	0.2	1	0.3
Measles (055)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Viral hepatitis (070)	3	1.3	3	1.5	....	....	1	0.5	....	....	1	2.0	2	0.2	1	0.2	1	0.3
Rocky Mtn. spotted fever (082.0)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Syphilis (090-097)	....	....	....	....	....	....	....	....	....	....	....	....	2	0.2	....	....	2	0.6
All other infectious & parasitic diseases (remainder of 001-139)	....	....	....	....	....	....	3	1.5	2	1.3	1	2.0	17	2.0	10	1.9	7	2.2
Malignant neoplasms (140-208)	518	220.7	453	221.9	65	212.4	367	181.5	291	191.8	76	150.5	1,498	179.4	892	171.3	606	192.8
Lip, oral cavity & pharynx (140-149)	8	3.4	8	3.9	....	....	8	4.0	8	5.3	....	....	24	2.9	17	3.3	7	2.2
Digestive organs & peritoneum (150-159)	134	57.1	113	55.4	21	68.6	93	46.0	75	49.4	18	35.7	380	45.5	210	40.3	170	54.1
Respiratory & intrathoracic organs (160-165)	141	60.1	127	62.2	14	45.8	101	50.0	83	54.7	18	35.7	404	48.4	265	50.9	139	44.2
Breast (174-175)	36	15.3	32	15.7	4	13.1	25	12.4	18	11.9	7	13.9	116	13.9	71	13.6	45	14.3
Female genital organs (179-184)	21	8.9	17	8.3	4	13.1	15	7.4	12	7.9	3	5.9	88	10.5	44	8.5	44	14.0
Male genital organs (185-187)	36	15.3	29	14.2	7	22.9	29	14.3	19	12.5	10	19.8	101	12.1	45	8.6	56	17.8
Urinary organs (188-189)	27	11.5	24	11.8	3	9.8	13	6.4	11	7.3	2	4.0	45	5.4	32	6.1	13	4.1
Other & unsp. sites (170-173, 190-199)	65	27.7	59	28.9	6	19.6	46	22.7	35	23.1	11	21.8	219	26.2	129	24.8	90	28.6
Leukemia (204-208)	21	8.9	18	8.8	3	9.8	18	8.9	16	10.5	2	4.0	56	6.7	39	7.5	17	5.4
Other lymphatic & hematopoietic tissue (200-203)	29	12.4	26	12.7	3	9.8	19	9.4	14	9.2	5	9.9	65	7.8	40	7.7	25	8.0
Benign neoplasms, carcinoma in situ & neoplasms of uncertain behavior & unsp. nature (210-239)	6	2.6	6	2.9	....	....	7	3.5	3	2.0	4	7.9	26	3.1	11	2.1	15	4.8
Diabetes mellitus (250)	35	14.9	28	13.7	7	22.9	23	11.4	15	9.9	8	15.8	99	11.9	38	7.3	61	19.4
Nutritional deficiencies (260-269)	6	2.6	6	2.9	....	....	1	0.5	....	....	1	2.0	1	0.1	....	....	1	0.3
Anemias (280-285)	2	0.9	2	1.0	....	....	4	2.0	3	2.0	1	2.0	14	1.7	10	1.9	4	1.3
Meningitis (320-322)	1	0.4	1	0.5	....	....	....	....	....	....	....	....	2	0.2	....	....	2	0.6
Diseases of heart (390-398, 402, 404-429)	993	423.1	873	427.7	120	392.2	784	387.7	625	412.0	159	314.9	2,479	296.9	1,426	273.9	1,053	335.0
Rheumatic fever & rheumatic heart disease (390-398)	10	4.3	9	4.4	1	3.3	3	1.5	2	1.3	1	2.0	21	2.5	18	3.5	3	1.0
Hypertensive heart disease (402)	33	14.1	23	11.3	10	32.7	18	8.9	7	4.6	11	21.8	142	17.0	40	7.7	102	32.4
Hypertensive heart & renal disease (404)	3	1.3	3	1.5	....	....	7	3.5	2	1.3	5	9.9	9	1.1	5	1.0	4	1.3
Ischemic heart disease (410-414)	784	334.0	703	344.4	81	264.7	664	328.4	551	363.2	113	223.8	1,487	178.1	1,069	205.3	418	133.0
All other forms of heart disease (415-429)	163	69.5	135	66.1	28	91.5	92	45.5	63	41.5	29	57.4	820	98.2	294	56.5	526	167.3
Hypertension, with or without renal disease (401, 403)	8	3.4	4	2.0	4	13.1	9	4.5	5	3.3	4	7.9	19	2.3	9	1.7	10	3.2
Cerebrovascular disease (430-438)	355	151.3	308	150.9	47	153.6	254	125.6	188	123.9	66	130.7	812	97.2	416	79.9	396	126.0
Atherosclerosis (404)	87	37.1	77	37.7	10	32.7	24	11.9	15	9.9	9	17.8	112	13.4	73	14.0	39	12.4
Other diseases of arteries, arterioles and capillaries (441-448)	23	9.8	21	10.3	2	6.5	9	4.5	7	4.6	2	4.0	59	7.1	41	7.9	18	5.7
Acute bronchitis & bronchiolitis (466)	....	....	....	....	....	....	....	....	....	....	....	....	5	0.6	4	0.8	1	0.3
Pneumonia (480-486)	61	26.0	54	26.5	7	22.9	31	15.3	25	16.5	6	11.9	148	17.7	99	19.0	49	15.6
Influenza (487)	2	0.9	1	0.5	1	3.3	....	....	....	....	....	....	....	....	....	....	....	....
Bronchitis, chronic & unsp. (490-491)	6	2.6	6	2.9	....	....	1	0.5	1	0.7	....	....	9	1.1	9	1.7	....	....
Emphysema (492)	15	6.4	15	7.3	....	....	7	3.5	6	4.0	1	2.0	30	3.6	25	4.8	5	1.6
Asthma (493)	3	1.3	3	1.5	....	....	3	1.5	3	2.0	....	....	6	0.7	2	0.4	4	1.3
Other chronic obstructive pulmonary disease & allied conditions (494-496)	54	23.0	49	24.0	5	16.3	29	14.3	26	17.1	3	5.9	131	15.7	103	19.8	28	8.9
Ulcer of stomach & duodenum (531-533)	9	3.8	9	4.4	....	....	6	3.0	6	4.0	....	....	13	1.6	8	1.5	5	1.6
Appendicitis (540-543)	1	0.4	....	....	1	3.3	1	0.5	....	....	1	2.0	4	0.5	2	0.4	2	0.6
Hernia & intestinal obstruction (550-553, 560)	6	2.6	5	2.4	1	3.3	6	3.0	5	3.3	1	2.0	23	2.8	8	1.5	15	4.8
Chronic liver disease & cirrhosis (571)	21	8.9	20	9.8	1	3.3	20	9.9	14	9.2	6	11.9	95	11.4	54	10.4	41	13.0
Cholelithiasis & other disorders of gallbladder (574-575)	4	1.7	4	2.0	....	....	6	3.0	4	2.6	2	4.0	8	1.0	7	1.3	1	0.3
Acute glomerulonephritis & nephrotic syndrome (580-581)	....	....	....	....	....	....	....	....	....	....	....	....	6	0.7	3	0.6	3	1.0
Chronic glomerulonephritis & unsp. nephritis, nephropathy & renal sclerosis (582-583, 587)	9	3.8	7	3.4	2	6.5	2	1.0	1	0.7	1	2.0	30	3.6	11	2.1	19	6.0
Renal failure, disorders resulting from impaired renal functions & small kidney of unk. cause (584-586, 588-589)	8	3.4	6	2.9	2	6.5	11	5.4	5	3.3	6	11.9	51	6.1	22	4.2	29	9.2
Infections of kidney (590)	9	3.8	7	3.4	2	6.5	5	2.5	4	2.6	1	2.0	10	1.2	6	1.2	4	1.3
Hyperplasia of prostate (600)	....	....	....	....	....	....	3	1.5	2	1.3	1	2.0	4	0.5	2	0.4	2	0.6
Complications of pregnancy, childbirth & the puerperium (630-676)	....	....	....	....	....	....	....	....	....	....	....	....	3	2.0	....	....	3	3.6
Congenital anomalies (740-759)	14	6.0	12	5.9	2	6.5	13	6.4	11	7.3	2	4.0	50	6.0	26	5.0	24	7.6
Birth trauma, intrauterine hypoxia, birth asphyxia & respiratory distress syndrome (767-769)	11	4.7	7	3.4	4	13.1	7	3.5	2	1.3	5	9.9	21	2.5	10	1.9	11	3.5
Other conditions originating in the perinatal period (760-766, 770-779)	17	7.2	7	3.4	10	32.7	14	6.9	6	4.0	8	15.8	108	12.9	22	4.2	86	27.4
Symptoms, signs & ill-defined conditions (780-799)	55	23.4	44	21.6	11	36.0	19	9.4	9	5.9	10	19.8	78	9.3	22	4.2	56	17.8
All other diseases	121	51.6	98	48.0	23	75.2	88	43.5	62	40.9	26	51.5	459	55.0	259	49.7	200	63.6
Motor vehicle accidents (E810-E825)	65	27.7	61	29.9	4	13.1	72	35.6	56	36.9	16	31.7	185	22.2	102	19.6	83	26.4
All other accidents & adverse effects (E800-E807, E826-E949)	66	28.1	59	28.9	7	22.9	57	28.2	49	32.3	8	15.8	200	24.0	109	20.9	91	29.0
Suicide (E950-E959)	34	14.5	34	16.7	....	....	33	16.3	31	20.4	2	4.0	103	12.3	86	16.5	17	5.4
Homicide & legal intervention (E960-978)	12	5.1	9	4.4	3	9.8	15	7.4	6	4.0	9	17.8	131	15.7	26	5.0	105	33.4
All other external causes (E980-E999)	6	2.6	5	2.4	1	3.3	1	0.5	1	0.7	....	....	8	1.0	3	0.6	5	1.6

For definitions of certain terms and explanation of rates, see the Introduction of this Bulletin.
Totals of events may include items with race not stated.

TABLE IX—BIRTHS AND DEATHS IN HOSPITALS WITH PERCENTAGES, FOR CITIES OF 10,000 OR MORE POPULATION AND FOR COUNTIES INCLUSIVE OF CITIES, RESIDENT AND RECORDED DATA, TENNESSEE, 1979

CITY OR COUNTY	BIRTHS						DEATHS					
	Resident			Recorded			Resident			Recorded		
	Total	In Hospital		Total	In Hospital		Total	In Hospital		Total	In Hospital	
		No.	Percent		No.	Percent		No.	Percent		No.	Percent
THE STATE	68,326	67,539	98.8	72,127	71,161	98.7	38,712	29,895	77.2	41,967	32,355	78.8
CITY												
Total	32,373	32,123	99.2	56,736	56,382	99.4	18,808	14,673	78.0	28,417	23,892	84.1
Athens	171	171	100.0	586	586	100.0	103	75	72.8	189	153	81.0
Bristol	288	288	100.0	1,105	1,105	100.0	229	163	71.2	527	451	85.6
Chattanooga	2,919	2,905	99.5	4,139	4,130	99.8	1,746	1,493	85.5	2,616	2,345	89.6
Clarksville	1,099	1,096	99.7	1,197	1,196	99.9	320	231	72.2	393	309	78.6
Cleveland	448	448	100.0	1,080	1,080	100.0	240	162	67.5	397	313	78.8
Columbia	371	363	97.8	773	772	99.9	254	187	73.6	422	314	74.4
Cookeville	226	226	100.0	837	837	100.0	141	115	81.6	344	303	88.1
Dyersburg	237	235	99.2	926	924	99.8	176	142	80.7	338	290	85.8
East Ridge	97	96	99.0	1,468	1,467	99.9	165	138	83.6	118	96	81.4
Elizabethton	124	123	99.2	257	256	99.6	143	122	85.3	262	239	91.2
Gallatin	351	350	99.7	456	455	99.8	144	106	73.6	276	205	74.3
Greeneville	158	156	98.7	803	801	99.8	129	107	82.9	419	392	93.6
Humboldt	178	178	100.0	94	94	100.0	117	67	57.3	104	59	56.7
Jackson	762	761	99.9	2,579	2,579	100.0	471	390	82.8	954	869	91.1
Johnson City	435	433	99.5	1,670	1,667	99.8	424	286	67.5	1,115	935	83.9
Kingsport	371	370	99.7	1,650	1,650	100.0	356	306	86.0	870	814	93.6
Knoxville	2,338	2,326	99.5	3,182	3,171	99.7	1,784	1,062	59.5	2,268	1,412	62.3
Lebanon	238	237	99.6	323	323	100.0	128	97	75.8	234	185	79.1
McMinnville	201	197	98.0	399	399	100.0	131	112	85.5	250	217	86.8
Maryville	207	207	100.0	695	695	100.0	239	167	69.9	541	423	78.2
Memphis	11,784	11,634	98.7	16,796	16,512	98.3	6,058	5,228	86.3	8,228	7,433	90.3
Millington	372	371	99.7	2			54	47	87.0	3		
Morristown	275	272	98.9	992	992	100.0	206	168	81.6	396	360	90.9
Murfreesboro	446	443	99.3	1,232	1,229	99.8	223	141	63.2	338	239	70.7
Nashville—Davidson County**	7,347	7,316	99.6	10,705	10,677	99.7	4,158	3,071	73.9	5,708	4,622	81.0
Oak Ridge	280	273	97.5	1,244	1,239	99.6	184	131	71.2	394	338	85.8
Red Bank	51	51	100.0				89	69	77.5	69	56	81.2
Shelbyville	221	221	100.0	346	346	100.0	147	123	83.7	213	177	83.1
Tullahoma	205	203	99.0	474	474	100.0	120	91	75.8	170	131	77.1
Union City	173	173	100.0	726	726	100.0	129	76	58.9	265	212	80.2
COUNTY (Including Cities)												
Anderson	899	890	99.0	1,292	1,285	99.5	511	363	71.0	534	390	73.0
Bedford	435	433	99.5	347	346	99.7	273	226	82.8	224	177	79.0
Benton	179	174	97.2	6	4	66.7	156	126	80.8	165	138	83.6
Bledsoe	131	128	97.7	76	74	97.4	72	55	76.4	65	47	72.3
Blount	983	974	99.1	704	695	98.7	654	477	72.9	612	425	69.4
Bradley	997	994	99.7	1,083	1,080	99.7	439	317	72.2	431	313	72.6
Campbell	534	532	99.6	493	491	99.6	317	277	87.4	339	307	90.6
Cannon	139	135	97.1	127	122	96.1	111	85	76.6	91	65	71.4
Carroll	393	385	98.0	252	245	97.2	310	254	81.9	259	208	80.3
Carter	606	604	99.7	258	256	99.2	429	365	85.1	292	239	81.8
Cheatham	303	299	98.7	2			158	90	57.0	66		
Chester	164	162	98.8	1			113	62	54.9	44		
Claiborne	349	345	98.9	177	173	97.7	239	185	77.4	205	151	73.7
Clay	81	81	100.0	20	20	100.0	74	54	73.0	47	30	63.8
Cocke	411	393	95.6	334	306	91.6	263	169	64.3	180	95	52.8
Coffee	567	562	99.1	636	634	99.7	284	231	81.3	302	238	78.8
Crockett	219	217	99.1	1			194	123	63.4	67		
Cumberland	364	352	96.7	610	598	98.0	247	214	86.6	321	282	87.9
Davidson**	7,347	7,316	99.6	10,705	10,677	99.7	4,158	3,071	73.9	5,708	4,622	81.0
Decatur	154	154	100.0	10	10	100.0	111	104	93.7	92	86	93.5
DeKalb	228	224	98.2	234	230	98.3	158	121	76.6	161	118	73.3
Dickson	423	418	98.8	383	380	99.2	275	195	70.9	274	187	68.2
Dyer	492	489	99.4	926	924	99.8	335	278	83.0	347	290	83.6
Fayette	428	402	93.9	246	219	89.0	158	131	82.9	119	84	70.6
Fentress	250	246	98.4	150	145	96.7	147	133	90.5	96	86	89.6
Franklin	429	428	99.8	376	375	99.7	289	238	82.4	231	189	81.8
Gibson	664	663	99.8	424	423	99.8	555	394	71.0	456	292	64.0
Giles	340	333	97.9	189	185	97.9	253	181	71.5	188	121	64.4
Grainger	219	218	99.5				137	96	70.1	50		
Greene	691	688	99.6	803	801	99.8	449	356	79.3	493	392	79.5
Grundy	239	191	79.9	134	49	36.6	129	99	76.9	39	18	46.2
Hamblen	685	680	99.3	992	992	100.0	368	317	86.1	401	360	89.8
Hamilton	4,350	4,328	99.5	5,612	5,597	99.7	2,489	2,069	83.1	2,916	2,497	85.6
Hancock	102	100	98.0	72	70	97.2	74	56	75.7	51	35	68.6
Hardeman	398	390	98.0	125	121	96.8	232	189	81.5	223	179	80.3
Hardin	323	322	99.7	2	1	50.0	209	150	71.8	173	112	64.7
Hawkins	550	548	99.6	183	181	98.9	334	253	75.7	153	82	53.6
Haywood	369	348	94.3	320	298	93.1	203	179	88.2	166	146	88.0
Henderson	306	302	98.7	213	209	98.1	215	176	81.4	165	129	78.2
Henry	391	386	98.7	345	341	98.8	350	290	82.9	320	267	83.4
Hickman	180	167	92.8				155	111	71.6	89	49	55.1
Houston	70	70	100.0	8	8	100.0	59	47	79.7	64	53	82.8
Humphreys	249	248	99.6	147	147	100.0	157	125	79.6	106	81	76.4
Jackson	116	115	99.1	92	90	97.8	103	77	74.8	68	48	70.6
Jefferson	365	361	98.9	235	235	100.0	234	174	74.4	201	144	71.6
Johnson	181	179	98.9	92	90	97.8	131	107	81.7	88	72	81.8
Knox	4,153	4,134	99.5	6,186	6,166	99.7	2,605	1,548	59.4	3,498	2,324	66.4
Lake	121	121	100.0				91	61	67.0	40		
Lauderdale	431	427	99.1	3			240	224	93.3	145	134	92.4
Lawrence	518	493	95.2	599	578	96.5	297	238	80.1	238	186	78.2
Lewis	206	118	57.3	296	86	29.1	75	55	73.3	63	43	68.3
Lincoln	351	348	99.1	246	244	99.2	253	185	73.1	207	144	69.6
Loudon	342	338	98.8	94	90	95.7	260	188	72.3	187	120	64.2
McMinn	601	600	99.8	770	766	99.5	350	255	72.9	343	247	72.0
McNairy	322	317	98.4	464	459	98.9	211	147	69.7	147	83	56.5
Macon	227	227	100.0	56	56	100.0	145	123	84.8	105	85	81.0
Madison	1,184	1,183	99.9	2,580	2,579	99.9	655	534	81.5	987	869	88.0
Marion	376	363	96.5	38	38	100.0	200	164	82.0	166	135	81.3
Marshall	271	269	99.3	127	125	98.4	190	129	67.9	191	124	64.9
Maury	728	712	97.8	777	772	99.4	468	331	70.7	461	314	68.1
Meigs	113	112	99.1	1			60	41	68.3	20		
Monroe	429	425	99.1	230	227	98.7	259	193	74.5	179	123	68.7
Montgomery	1,561	1,556	99.7	1,199	1,196	99.7	512	345	67.4	466	309	66.3
Moore	67	63	94.0	3			33	29	87.9	2		
Morgan	225	223	99.1	2			126	87	69.0	32		
Obion	487	485	99.6	730	726	99.5	318	202	63.5	309	212	68.6
Overton	238	234	98.3	267	263	98.5	183	152	83.1	168	144	85.7
Perry	82	71	86.6	43	36	83.7	83	63	75.9	56	36	64.3
Pickett	60	60	100.0				32	23	71.9	8		
Polk	209	208	99.5	116	115	99.1	101	74	73.3	91	65	71.4
Putnam	599	597	99.7	838	837	99.9	389	329	84.6	365	303	83.0
Rhea	360	359	99.7	255	255	100.0	217	193	88.9	180	160	88.9
Roane	657	652	99.2	359	354	98.6	376	313	83.2	282	233	82.6
Robertson	536	529	98.7	230	226	98.3	355	275	77.5	258	188	72.9
Rutherford	1,212	1,207	99.6	1,235	1,229	99.5	494	334	67.6	494	322	65.2
Scott	342	332	97.1	232	225	97.0	152	130	85.5	145	124	85.5
Sequatchie	127	123	96.9	133	132	99.2	72	64	88.9	81	57	70.4
Sevier	568	565	99.5	42	39	92.9	317	264	83.3	215	183	85.1
Shelby	13,915	13,742	98.8	17,382	17,090	98.3	6,420	5,540	86.3	8,298	7,456	89.9
Smith	198	198	100.0	256	256	100.0	134	122	91.0	129	120	93.0
Stewart	110	110	100.0				83	54	65.1	18		
Sullivan	1,744	1,742	99.9	2,756	2,755	99.9	1,107	885	79.9	1,467	1,265	86.2
Sumner	1,301	1,295	99.5	851	846	99.4	506	400	79.1	405	288	71.1
Tipton	500	493	98.6	203	196	96.6	290	219	75.5	199	139	69.8
Trousdale	83	83	100.0				53	32	60.4	31	9	29.0
Unicoi	193	193	100.0				149	126	84.6	90	73	81.1
Union	141	139	98.6	2			94	45	47.9	41		
Van Buren	75	73	97.3	1			40	23	57.5	11		
Warren	529	523	98.9	400	399	99.8	310	249	80.3	268	217	81.0
Washington	1,073	1,069	99.6	1,672	1,667	99.7	744	517	69.5	1,205	935	77.6
Wayne	193	187	96.9	36	30	83.3	108	83	76.9	88	62	70.5
Weakley	406	404	99.5	244	243	99.6	343	248	72.3	256	169	66.0
White	277	275	99.3	81	80	98.8	184	152	82.6	166	132	79.5
Williamson	785	783	99.7	331	330	99.7	350	262	74.9	279	194	69.5
Wilson	807	805	99.8	324	323	99.7	371	255	68.7	303	185	61.1

**See explanation on page 10 of this Bulletin.

TABLE X—SELECTED RECORDED DATA REGARDING BIRTHS, FETAL DEATHS, AND DEATHS FOR CITIES OF 10,000 OR MORE POPULATION AND FOR COUNTIES INCLUSIVE OF CITIES, TENNESSEE, 1979

CITY OR COUNTY	LIVE BIRTHS						FETAL DEATHS						DEATHS					
	TOTAL		In hospital	Not in Hospital Attended By			TOTAL		In hospital	Not in Hospital Attended By			TOTAL		Neonatal (Under 28 days)		Infant (Under 1 year)	
	No.	Rate*		Physician	Midwife#	Other or unspecified	No.	Ratio†		Physician	Midwife#	Other or unspecified	No.	Rate*	No.	Rate†	No.	Rate†
THE STATE	72,127	16.5	71,161	507	320	139	691	9.6	674	13	1	3	41,067	9.4	746	10.3	1,091	15.1
CITY—Total	56,736	27.6	56,382	276	28	50	534	9.4	523	9		2	28,417	13.8	621	10.9	880	15.5
Athens	586	47.3	586				4	6.8	4				189	15.2	4	6.8	4	6.8
Bristol	1,105	40.4	1,105				4	3.6	4				527	19.3	11	10.0	13	11.8
Chattanooga	4,139	25.2	4,130	4	2	3	39	9.4	39				2,616	15.9	68	16.4	91	22.0
Clarksville	1,197	21.4	1,196			1	9	7.5	8	1			393	7.0	4	3.3	6	5.0
Cleveland	1,080	34.5	1,080				10	9.3	10				397	12.7	1	0.9	7	6.5
Columbia	773	33.2	772	1			8	10.3	6			2	422	18.1	2	2.6	4	5.2
Cookeville	837	43.9	837				4	4.8	3	1			344	18.1	3	3.6	3	3.6
Dyersburg	926	59.3	924		2		8	8.6	8				338	21.6	8	8.6	9	9.7
East Ridge	1,468	63.9	1,467			1	9	6.1	9				118	5.1	1	0.7	1	0.7
Elizabethton	257	20.6	256			1	2	7.8	2				262	21.0			3	11.7
Gallatin	456	29.9	455	1									276	18.1	3	6.6	8	17.5
Greeneville	803	56.6	801		1	1	5	6.2	5				419	29.5	7	8.7	7	8.7
Humboldt	94	9.5	94				4	42.6	3	1			104	10.5				
Jackson	2,579	53.1	2,579				16	6.2	15	1			954	19.7	18	7.0	22	8.5
Johnson City	1,670	41.3	1,667		2	1	23	13.8	23				1,115	27.5	16	9.6	23	13.8
Kingsport	1,650	49.1	1,650				21	12.7	21				870	25.9	10	6.1	16	9.7
Knoxville	3,182	17.1	3,171	2	7	2	24	7.5	22	2			2,268	12.2	12	3.8	26	8.2
Lebanon	323	22.9	323										234	16.6			2	6.2
McMinnville	399	16.6	399										250	22.9				
Maryville	695	33.7	695				6	8.6	6				541	26.2	2	2.9	3	4.3
Memphis	16,796	25.2	16,512	266	2	16	180	10.7	178	2			8,228	12.4	256	15.2	357	21.3
Millington	2	0.1				2							3	0.1				
Morristown	992	47.4	992				9	9.1	9				396	18.9	4	4.0	7	7.1
Murfreesboro	1,232	35.9	1,229		3		16	13.0	16				338	9.9			7	5.7
Nashville-Davidson Co.**	10,705	23.7	10,677	2	6	20	112	10.5	112				5,708	12.6	177	16.5	241	22.5
Oak Ridge	1,244	45.5	1,239		3	2	12	9.6	12				394	14.4	3	2.4	4	3.2
Red Bank													69	4.5			1	
Shelbyville	346	29.5	346				4	11.6	3	1			213	18.2	2	5.8	4	11.6
Tullahoma	474	31.6	474				1	2.1	1				170	11.3	2	4.2	3	6.3
Union City	726	56.4	726				4	5.5	4				261	20.3	7	9.6	8	11.0
COUNTY—(Including Cities)																		
Anderson	1,292	19.8	1,285		5	2	12	9.3	12				534	8.2	3	2.3	4	3.1
Bedford	347	13.1	346			1	4	11.5	3	1			224	8.5	2	5.8	4	11.5
Benton	6	0.4	4	1		1							165	12.0				
Bledsoe	76	8.7	74		2								65	7.5				
Blount	704	9.3	695	1	6	2	6	8.5	6				612	8.1	2	2.8	3	4.3
Bradley	1,083	17.1	1,080		1	2	10	9.2	10				431	6.8	1	0.9	8	7.4
Campbell	493	15.2	491	2			3	6.1	3				339	10.4	1	2.0	2	4.1
Cannon	127	13.7	122		3	2							91	9.8			1	7.9
Carroll	252	9.1	245	2		5	1	4.0	1				259	9.3			1	4.0
Carter	258	5.5	256			2	2	7.8	2				292	6.3			3	11.6
Cheatham	2	0.1			1	1							66	3.5				
Chester	1	0.1			1								44	3.7			1	
Claiborne	177	6.7	173	1	1	2	2	11.3	2				205	7.8			2	11.3
Clay	20	2.8	20										47	6.5				
Cocke	334	11.7	306	1	27		1	3.0	1				180	6.3	1	3.0	2	6.0
Coffee	636	17.6	634			2	2	3.1	2				302	8.3	3	4.7	5	7.9
Crockett	1	0.1				1							67	4.6	1		2	
Cumberland	610	22.4	598		12		5	8.2	5				321	11.8	3	4.9	6	9.8
Davidson**	10,705	23.7	10,677	2	6	20	112	10.5	112				5,708	12.6	177	16.5	241	22.5
Decatur	10	1.0	10				1	100.0	1				92	9.2			1	100.0
DeKalb	234	18.0	230		4		1	4.3	1				161	12.4				
Dickson	383	13.6	380	2	1		2	5.2	2				274	9.7	2	5.2	2	5.2
Dyer	926	27.6	924		2		8	8.6	8				347	10.4	8	8.6	9	9.7
Fayette	246	10.1	219	23	4		3	12.2	3				119	4.9	1	4.1	4	16.3
Fentress	150	10.3	145	1	3	1							96	6.6	1	6.7	2	13.3
Franklin	376	12.2	375		1		3	8.0	3				233	7.6	3	8.0	5	13.3
Gibson	424	9.0	423		1		11	25.9	10	1			456	9.7	2	4.7	3	7.1
Giles	189	8.1	185	1	1	2	1	5.3	1				188	8.0	1	5.3	2	10.6
Grainger													50	2.9				
Greene	803	15.6	801		1	1	5	6.2	5				493	9.6	7	8.7	8	10.0

*Rate per 1,000 population. #Includes certified nurse midwife, midwife, and nurse-midwife. †Rate and ratio per 1,000 live births. These rates and ratios are not calculated when the number of births is less than 10.

**See explanation on page 10 of this Bulletin.

TABLE X (Continued)—SELECTED RECORDED DATA REGARDING BIRTHS, FETAL DEATHS, AND DEATHS FOR CITIES OF 10,000 OR MORE POPULATION AND FOR COUNTIES INCLUSIVE OF CITIES, TENNESSEE, 1979

COUNTY	LIVE BIRTHS						FETAL DEATHS						DEATHS					
	TOTAL		In hospital	Not in Hospital Attended By			TOTAL		In hospital	Not in Hospital Attended By			TOTAL		Neonatal (Under 28 days)		Infant (Under 1 year)	
				Physician	Midwife #	Other or unspecified				Physician	Midwife #	Other or unspecified						
	No.	Rate*					No.	Ratio†					No.	Rate*	No.	Rate†	No.	Rate†
Grundy	134	10.3	49	84		1							39	3.0				
Hamblen	992	21.5	992				9	9.1	9				401	8.7	4	4.0	7	7.1
Hamilton	5,612	20.6	5,597	7	4	4	48	8.6	48				2,916	10.7	69	12.3	93	16.6
Hancock	72	11.1	70		1	1	1	13.9	1				51	7.8	1	13.9	3	41.7
Hardeman	125	5.4	121	1	1	2	1	8.0	1				223	9.7			2	16.0
Hardin	2	0.1	1			1							173	8.3			1	
Hawkins	183	4.6	181	1	1		2	10.9	2				153	3.8			1	5.5
Haywood	320	14.9	298	1	18	3	6	18.8	5	1			166	7.7	5	15.6	5	15.6
Henderson	213	10.5	209		4		1	4.7	1				165	8.1				
Henry	345	13.2	341		4		6	17.4	6				320	12.2	1	2.9	2	5.8
Hickman													89	6.1	1		2	
Houston	8	1.2	8										64	9.6				
Humphreys	147	9.3	147										106	6.7			1	6.8
Jackson	92	10.3	90		2								68	7.6			2	21.7
Jefferson	235	7.8	235				3	12.8	3				201	6.7	1	4.3	2	8.5
Johnson	92	6.6	90	1		1							88	6.3				
Knox	6,186	20.4	6,166	3	11	6	68	11.0	65	3			3,498	11.5	91	14.7	120	19.4
Lake													40	5.6				
Lauderdale	3	0.1		2	1								145	6.4	1		2	
Lawrence	599	17.6	578	11	10		10	16.7	10				238	7.0				
Lewis	296	33.6	86	69	134	7	1	3.4		1			63	7.2				
Lincoln	246	9.5	244	2			8	32.5	8				207	8.0	1	4.1	2	8.1
Loudon	94	3.4	90		3	1	1	10.6	1				187	6.7	1	10.6	2	21.3
McMinn	770	19.3	766		2	2	7	9.1	7				343	8.6	5	6.5	6	7.8
McNairy	464	21.5	459		1	4	3	6.5	3				147	6.8	1	2.2	2	4.3
Macon	56	3.6	56										105	6.8			1	17.9
Madison	2,580	35.4	2,579	1			16	6.2	15	1			987	13.6	18	7.0	22	8.5
Marion	38	1.7	38										166	7.4			1	26.3
Marshall	127	6.8	125	1		1	2	15.7	2				191	10.2			1	7.9
Maury	777	16.1	772	3	1	1	8	10.3	6			2	461	9.5	2	2.6	4	5.1
Meigs	1	0.1		1									28	2.9				
Monroe	230	8.3	227		1	2	5	21.7	5				179	6.5			2	8.7
Montgomery	1,199	15.2	1,196			3	9	7.5	8	1			466	5.9	4	3.3	6	5.0
Moore	3	0.7				3							2	0.5				
Morgan	2	0.1			1	1							32	2.1				
Obion	730	21.7	726		4		4	5.5	4				309	9.2	8	11.0	9	12.3
Overton	267	15.8	263	1	2	1	2	7.5	2				168	9.9	1	3.7	1	3.7
Perry	43	6.9	36	3		4	1	23.3			1		56	9.0	1	23.3	1	23.3
Pickett													8	1.9				
Polk	116	9.0	115			1	1	8.6	1				91	7.1				
Putnam	838	19.4	837			1	5	6.0	3	2			365	8.5	3	3.6	3	3.6
Rhea	255	11.0	255				2	7.8	2				180	7.8	1	3.9	5	19.6
Roane	359	8.0	354		4	1	2	5.6	2				282	6.3	1	2.8	2	5.6
Robertson	230	6.9	226		1	3	3	13.0	3				258	7.8				
Rutherford	1,235	15.7	1,229		5	1	16	13.0	16				494	6.3	1	0.8	9	7.3
Scott	232	13.2	225		6	1	4	17.2	4				145	8.2			2	8.6
Sequatchie	133	17.1	132		1		1	7.5	1				81	10.4			1	7.5
Sevier	42	1.1	39	1	1	1							215	5.7			5	119.0
Shelby	17,382	23.0	17,090	268	2	22	182	10.5	180	2			8,298	11.0	256	14.7	358	20.6
Smith	256	18.8	256				2	7.8	2				129	9.5	2	7.8	2	7.8
Stewart													18	2.0	1		1	
Sullivan	2,756	19.7	2,755	1			25	9.1	25				1,467	10.5	21	7.6	29	10.5
Sumner	851	10.9	846	1		4	2	2.4	1			1	405	5.2	5	5.9	11	12.9
Tipton	203	6.5	196	2	4	1	1	4.9	1				199	6.4	1	4.9	2	9.9
Trousdale													31	5.5			1	
Unicoi													98	5.5			1	
Union	2	0.2			2								41	3.4			1	
Van Buren	1	0.2			1								11	2.4				
Warren	400	12.8	399	1									268	8.6				
Washington	1,672	20.0	1,667		3	2	23	13.8	23				1,205	14.4	16	9.6	23	13.8
Wayne	36	2.7	30	2		4							88	6.7				
Weakley	244	7.8	243	1			3	12.3	3				256	8.2	2	8.2	2	8.2
White	81	4.2	80	1			1	12.3	1				166	8.5			4	49.4
Williamson	331	6.3	330		1		1	3.0	1				279	5.1	1	3.0	3	9.1
Wilson	324	6.3	323			1							303	5.9			2	6.2

*Rate per 1,000 population. #Includes certified nurse midwife, midwife, and nurse-midwife. †Rate and ratio per 1,000 live births. These rates and ratios are not calculated when the number of births is less than 10.

TABLE XI—NUMBER OF INDUCED TERMINATIONS OF PREGNANCY BY RACE OF WOMAN, BY COUNTY, RESIDENT AND RECORDED DATA, TENNESSEE, 1979

COUNTY	ABORTIONS					
	Resident			Recorded		
	Total	White	Nonwhite	Total	White	Nonwhite
THE STATE	118,713	113,624	5,060	23,399	17,329	6,027
Anderson	238	220	18	4	3	1
Bedford	50	41	8			
Benton	27	26	1			
Bledsoe	16	16				
Blount	334	315	19	2	2	
Bradley	180	166	14			
Campbell	51	51				
Cannon	22	20	2			
Carroll	67	55	12			
Carter	34	33	1	116	106	10
Cheatham	61	58	2			
Chester	26	22	4			
Claiborne	24	24				
Clay	6	6				
Cocke	83	78	5			
Coffee	108	98	7			
Crockett	45	34	11			
Cumberland	59	59				
Davidson	2,933	1,968	958	6,328	4,797	1,505
Decatur	24	22	2			
DeKalb	40	38	2			
Dickson	70	62	8			
Dyer	84	68	16			
Fayette	69	33	36			
Fentress	15	15				
Franklin	64	55	9	37	30	7
Gibson	113	78	35	4	3	1
Giles	49	39	10			
Grainger	22	21	1			
Greene	140	135	5			
Grundy	7	7				
Hamblen	197	182	15			
Hamilton	1,023	733	286	1,573	1,256	310
Hancock	7	7				
Hardeman	57	22	35	1	1	
Hardin	52	49	3			
Hawkins	92	86	6			
Haywood	51	21	30			
Henderson	48	35	13			
Henry	58	46	12	6	6	
Hickman	23	23				
Houston	9	9				
Humphreys	39	36	3			
Jackson	10	10				
Jefferson	96	93	3			
Johnson	4	4				
Knox	1,950	1,696	253	5,288	4,881	405
Lake	10	10				
Lauderdale	64	47	17			
Lawrence	49	47	2			
Lewis	9	8	1			
Lincoln	14	14				
Loudon	106	103	2			
McMinn	93	82	11			
McNairy	45	40	5	1	1	
Macon	25	25				
Madison	296	196	100	2	2	
Marion	42	40	2	9	9	
Marshall	34	29	5			
Maury	155	104	50			
Meigs	7	7				
Monroe	70	65	5			
Montgomery	330	237	92			
Moore	6	6				
Morgan	23	23				
Obion	55	43	12	2	2	
Overton	25	25				
Perry	6	6				
Pickett	2	2				
Polk	12	12				
Putnam	184	177	7	39	38	1
Rhea	35	35				
Roane	143	134	9			
Robertson	96	76	20			
Rutherford	383	316	64	38	33	4
Scott	35	35				
Sequatchie	8	8				
Sevier	164	163				
Shelby	5,550	2,905	2,643	9,744	5,962	3,777
Smith	23	20	3			
Stewart	25	24	1			
Sullivan	534	515	19	185	179	6
Sumner	218	199	18			
Tipton	72	52	20			
Trousdale	16	11	5			
Unicoi	32	32				
Union	20	20				
Van Buren	5	5				
Warren	92	85	6			
Washington	376	353	23	20	20	
Wayne	21	19	2			
Weakley	95	80	15			
White	32	30	2			
Williamson	157	126	31			
Wilson	137	116	21			

* Includes one or more events with race not stated.
† Includes events for Tennessee residents with county not stated.

TABLE XII—SELECTED DATA ON MARRIAGES AND DIVORCES BY RECORDED COUNTY AND ON PERSONS MARRIED BY RESIDENT COUNTY, TENNESSEE, 1979

COUNTY	Marriages Recorded			Divorces Recorded			MARRIAGES ACCORDING TO RESIDENCE											
		Persons Married			Persons Divorced		Persons Married						Grooms			Brides		
							Total		White		Nonwhite							
	No.	No.	Rate*	No.	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	Total	White	Nonwhite	Total	White	Nonwhite
Total	59,152	118,304	27.0	29,792	59,584	13.6	118,304	27.0	105,410	28.5	12,822	18.9	59,152	52,636	6,484	59,152	52,774	6,338
Anderson	767	1,534	23.5	383	766	11.7	1,418	21.7	1,379	21.9	37	14.8	703	683	19	715	696	18
Bedford	379	758	28.6	196	392	14.8	612	23.1	561	23.7	51	19.8	305	278	27	307	283	24
Benton	161	322	23.3	91	182	13.2	318	23.0	316	23.6	2	4.6	162	161	1	156	155	1
Bledsoe	84	168	19.3	40	80	9.2	160	18.4	160	19.7			79	79		81	81	
Blount	774	1,548	20.4	595	1,190	15.7	1,750	23.1	1,710	23.5	36	11.8	868	849	17	882	861	19
Bradley	655	1,310	20.7	558	1,116	17.6	1,237	19.5	1,226	20.0	11	10.4	607	590	17	630	616	14
Campbell	2,898	5,796	178.3	171	342	10.5	750	23.1	750	23.3			381	381		369	369	
Cannon	353	706	75.9	48	96	10.3	185	19.9	184	20.3	1	4.5	93	93		92	91	1
Carroll	337	674	24.2	175	350	12.6	618	22.2	554	22.7	64	18.6	300	271	29	318	283	35
Carter	506	1,012	21.7	335	670	14.3	838	17.9	831	18.6	7	15.1	416	413	3	422	418	4
Cheatham	194	388	20.4	108	216	11.4	435	22.9	425	23.4	10	11.4	207	201	6	228	224	4
Chester	166	332	27.7	101	202	16.8	239	19.9	224	21.4	15	9.7	121	113	8	118	111	7
Claiborne	838	1,676	63.5	144	288	10.9	531	20.1	530	20.4	1	2.6	259	258	1	272	272	
Clay	595	1,190	165.3	28	56	7.8	113	15.7	113	16.0			58	58		55	55	
Cocke	430	860	30.2	211	422	14.8	707	24.8	700	25.3	7	8.7	346	343	3	361	357	4
Coffee	449	898	24.8	238	476	13.1	871	24.1	851	24.5	20	14.3	423	413	10	448	438	10
Crockett	180	360	24.8	78	156	10.8	339	23.4	275	24.1	64	20.6	172	140	32	167	135	32
Cumberland	427	854	31.4	156	312	11.5	617	22.7	612	22.5	††		301	299		316	313	
Davidson	4,879	9,758	21.6	3,349	6,698	14.8	11,512	25.4	9,600	26.5	1,908	21.2	5,750	4,784	964	5,762	4,816	944
Decatur	107	214	21.4	59	118	11.8	207	20.7	204	21.5	3	5.9	106	104	2	101	100	1
DeKalb	230	460	35.4	87	174	13.4	366	28.2	359	28.2	7	25.3	181	178	3	185	181	4
Dickson	328	656	23.3	182	364	12.9	611	21.7	582	22.1	29	15.9	297	283	14	314	299	15
Dyer	506	1,012	30.2	323	646	19.3	941	28.1	873	30.0	68	15.4	460	428	32	481	445	36
Fayette	283	566	23.2	225	450	18.4	366	15.0	234	24.7	132	8.8	177	115	62	189	119	70
Fentress	346	692	47.7	85	170	11.7	394	27.2	394	27.2		††	187	187		207	207	
Franklin	279	558	18.1	178	356	11.6	594	19.3	570	20.1	24	10.0	288	277	11	306	293	13
Gibson	559	1,118	23.8	318	636	13.6	1,078	23.0	903	24.3	175	18.1	521	435	86	557	468	89
Giles	271	542	23.2	140	280	12.0	465	19.9	404	20.5	61	16.7	229	199	30	236	205	31
Grainger	142	284	16.4	79	158	9.1	359	20.8	357	20.9	2	9.3	187	186	1	172	171	1
Greene	568	1,136	22.0	370	740	14.3	1,134	22.0	1,107	22.0	26	20.2	564	548	16	570	559	10
Grundy	162	324	24.9	76	152	11.7	302	23.2	302	23.3		††	152	152		150	150	
Hamblen	679	1,358	29.5	446	892	19.3	1,154	25.0	1,119	25.7	35	13.8	565	547	18	589	572	17
Hamilton	2,378	4,756	17.5	2,218	4,436	16.3	4,238	15.6	3,676	16.6	558	11.1	2,066	1,789	279	2,172	1,887	283
Hancock	134	268	41.2	41	82	12.6	148	22.8	148	23.1		††	79	79		69	69	
Hardeman	220	440	19.0	162	324	14.0	454	19.7	323	22.8	131	14.7	237	169	68	217	154	63
Hardin	185	370	17.7	135	270	12.9	306	14.6	290	14.7	16	13.2	147	138	9	159	152	7
Hawkins	402	804	20.2	164	328	8.2	827	20.7	813	21.0	12	9.8	417	410	6	410	403	6
Haywood	203	406	18.9	141	282	13.1	358	16.7	221	22.7	137	11.6	170	107	63	188	114	74
Henderson	269	538	26.5	143	286	14.1	440	21.7	405	22.0	35	17.1	221	201	20	219	204	15
Henry	329	658	25.1	196	392	15.0	600	22.9	538	23.7	62	17.7	294	262	32	306	276	30
Hickman	131	262	17.8	61	122	8.3	293	19.9	290	20.8	3	4.1	142	141	1	151	149	2
Houston	69	138	20.6	8	16	2.4	137	20.4	132	21.0	5	12.4	70	67	3	67	65	2
Humphreys	173	346	21.9	83	166	10.5	380	24.1	374	24.6	6	9.8	179	176	3	201	198	3
Jackson	166	332	37.3	35	70	7.9	146	16.4	146	16.5		††	75	75		71	71	
Jefferson	315	630	21.0	173	346	11.5	630	21.0	618	21.3	12	11.9	310	304	6	320	314	6
Johnson	171	342	24.6	117	234	16.8	280	20.1	280	20.1			140	140		140	140	
Knox	3,714	7,428	24.5	2,549	5,098	16.8	7,520	24.8	6,964	25.1	556	21.0	3,697	3,413	284	3,823	3,551	272
Lake	117	234	32.5	35	70	9.7	186	25.8	158	28.6	28	16.7	95	81	14	91	77	14
Lauderdale	352	704	31.0	204	408	18.0	583	25.7	490	32.8	93	12.0	294	245	49	289	245	44
Lawrence	318	636	18.7	182	364	10.7	606	17.8	603	18.0	3	5.8	299	298	1	307	305	2
Lewis	130	260	29.5	54	108	12.3	210	23.9	207	24.0	3	17.5	102	101	1	108	106	2
Lincoln	293	586	22.6	154	308	11.9	515	19.9	480	20.9	35	11.7	255	236	19	260	244	16
Loudon	321	642	22.9	195	390	13.9	655	23.4	650	23.7	5	8.4	325	322	3	330	328	2
McMinn	560	1,120	28.1	241	482	12.1	945	23.7	918	24.3	25	12.1	463	449	13	482	469	12
McNairy	215	430	19.9	162	324	15.0	362	16.8	342	17.0	19	12.9	173	164	8	189	178	11
Macon	207	414	26.9	99	198	12.9	340	22.1	336	22.0			168	167		172	169	
Madison	772	1,544	21.2	533	1,066	14.6	1,513	20.8	1,188	23.9	325	14.1	738	576	162	775	612	163
Marion	220	440	19.6	165	330	14.7	366	16.3	352	16.7	12	9.1	181	176	4	185	176	8
Marshall	245	490	26.2	119	238	12.7	405	21.7	372	22.3	33	16.3	191	175	16	214	197	17
Maury	490	980	20.3	310	620	12.8	998	20.7	883	22.5	113	12.6	498	440	57	500	443	56
Meigs	78	156	22.6	32	64	9.3	146	21.2	146	21.9			76	76		70	70	
Monroe	336	672	24.3	146	292	10.5	615	22.2	606	22.7	9	8.5	300	296	4	315	310	5
Montgomery	1,245	2,490	31.5	709	1,418	17.9	1,823	23.1	1,583	24.3	238	17.2	835	731	103	988	852	135
Moore	53	106	25.9	9	18	4.4	61	14.9	58	15.3	3	10.1	30	29	1	31	29	2
Morgan	160	320	20.6	91	182	11.7	302	19.5	300	19.7	2	7.8	156	154	2	146	146	
Obion	437	874	25.9	219	438	13.0	673	20.0	630	20.1	43	17.9	335	313	22	338	317	21
Overton	281	562	33.3	85	170	10.1	390	23.1	390	23.2		††	195	195		195	195	
Perry	50	100	16.1	35	70	11.3	121	19.5	121	20.1			59	59		62	62	
Pickett	271	542	126.0	8	16	3.7	92	21.4	92	21.4		††	47	47		45	45	
Polk	105	210	16.3	43	86	6.7	202	15.7	202	15.7		††	102	102		100	100	
Putnam	493	986	22.9	241	482	11.2	1,099	25.5	1,074	25.4	23	29.5	550	537	12	549	537	11
Rhea	303	606	26.1	6	12	0.5	607	26.2	601	26.9	6	7.3	302	299	3	305	302	3
Roane	532	1,064	23.6	341	682	15.1	1,015	22.5	1,001	23.2	14	7.3	492	485	7	523	516	7
Robertson	3,610	7,220	217.5	172	344	10.4	712	21.4	626	22.4	86	16.2	356	315	41	356	311	45
Rutherford	741	1,482	18.9	537	1,074	13.7	1,773	22.6	1,646	23.9	127	13.2	884	819	65	889	827	62
Scott	297	594	33.8	76	152	8.6	446	25.3	445	25.3	1	††	216	216		230	229	1
Sequatchie	126	252	32.3	55	110	14.1	155	19.9	155	19.9		††	80	80		75	75	
Sevier	885	1,770	46.8	275	550	14.6	907	24.0	906	24.1	1	5.1	457	457		450	449	1
Shelby	8,470	16,940	22.4	4,341	8,682	11.5	15,980	21.1	10,698	22.5	5,282	18.8	7,876	5,253	2,622	8,104	5,440	2,660
Smith	216	432	31.8	91	182	13.4	324	23.8	318	24.6	6	7.3	168	163	4	156	155	1
Stewart	88	176	19.1	54	108	11.7	197	21.4	196	21.9	1	4.3	95	95		102	101	1
Sullivan	1,593	3,186	22.7	955	1,910	13.6	2,769	19.8	2,723	19.8	42	14.6	1,341	1,315	24	1,428	1,408	18
Sumner	1,687	3,374	43.0	589	1,178	15.0	1,846	23.5	1,770	24.4	76	12.7	877	837	40	969	933	36
Tipton	530	1,060	34.1	199	398	25.7	673	21.8	565	26.8	110	10.9	337	280	57	336	283	53
Trousdale	502	1,004	179.3	41	82	14.6	176	31.4	159	34.7	16	15.8	88	78	10	88	81	6
Unicoi	157	314	19.1	78	156	9.5	262	16.0	262	16.0		††	128	128		134	134	
Union	186	372	31.0	69	138	11.5	264	22.0	264	22.0		††	130	130		134	134	
Van Buren	58	116	25.8	27	54	12.0	117	26.0	117	26.1		††	56	56		61	61	
Warren	340	680	21.7	142	284	9.1	826	26.4	801	26.8	23	16.2	414	402	11	412	390	12
Washington	868	1,736	20.8	583	1,166	14.0	1,784	21.4	1,719	21.7	43	12.9	874	851	22	910	888	21
Wayne	114	228	17.3	78	156	11.8	210	15.9	208	16.0	2	8.8	105	104	1	105	104	1
Weakley	345	690	22.2	179	358	11.5	688	22.1	655	22.5	33	16.9	351	337	14	337	318	19
White	201	402	20.6	119	238	12.2	466	23.9	463	24.3	3	6.6	236	235	1	230	228	2
Williamson	492	984	18.8	337	674	12.9	877	16.7	804	17.0	73	9.9	402	369	33	475	435	40
Wilson	667	1,334	26.0	378	756	14.7	1,189	23.1	1,098	24.1	90	15.5	580	537	42	609	561	48
Other State							22,805		21,367		1,419		12,110	11,291	811	10,695	10,076	608
Foreign Country							46		39		7		20	18	2	26	21	5

* Rate per 1,000 population.
† Includes one or more items with race not stated.
†† Rate not calculated when population is less than 100.